

[illegible]



```
SSSSSSSS  AAAAAA  TTTTTTTTTT  SSSSSSSS  SSSSSSSS  FFFFFFFF  000000  5555555555
SSSSSSSS  AAAAAA  TTTTTTTTTT  SSSSSSSS  SSSSSSSS  FFFFFFFF  000000  5555555555
SS        AA      AA      TT        SS        SS        FF        00      00      55
SS        AA      AA      TT        SS        SS        FF        00      00      55
SS        AA      AA      TT        SS        SS        FF        00      0000    555555
SS        AA      AA      TT        SS        SS        FF        00      0000    555555
SSSSSSS   AA      AA      TT        SSSSSS   SSSSSS   FFFFFFFF  00  00  00      55
SSSSSSS   AA      AA      TT        SSSSSS   SSSSSS   FFFFFFFF  00  00  00      55
SS        AAAAAA  AA      TT        SS        SS        FF        0000  00  00      55
SS        AAAAAA  AA      TT        SS        SS        FF        0000  00  00      55
SS        AA      AA      TT        SS        SS        FF        00      00  00      55
SS        AA      AA      TT        SS        SS        FF        00      00  00      55
SSSSSSSS  AA      AA      TT        SSSSSSSS  SSSSSSSS  FF        000000  555555
SSSSSSSS  AA      AA      TT        SSSSSSSS  SSSSSSSS  FF        000000  555555

LL        IIIIII  SSSSSSSS
LL        IIIIII  SSSSSSSS
LL        II      SS
LL        II      SS
LL        II      SS
LL        II      SS
LL        II      SSSSSS
LL        II      SSSSSS
LL        II      SS
LL        II      SS
LL        II      SS
LL        II      SS
LLLLLLLLLL IIIIII  SSSSSSSS
LLLLLLLLLL IIIIII  SSSSSSSS
```



(1)	55	DECLARATIONS
(1)	242	SATSSF05
(1)	342	SFSUS10
(1)	364	SFSUS11
(1)	386	SFSUS12
(1)	409	SFSUS13
(1)	433	SFSUS14
(1)	457	SFSUS20
(1)	481	SFSUS21
(1)	505	SFSUS22
(1)	530	SFSUS23
(1)	555	SFSUS24
(1)	581	SFSUS25
(1)	605	SFSUS26
(1)	628	SFSUS27
(1)	651	SFSUS28
(2)	705	SFRES10
(2)	728	SFRES11
(2)	750	SFRES12
(2)	773	SFRES13
(2)	797	SFRES14
(2)	821	SFRES20
(2)	845	SFRES21
(2)	869	SFRES22
(2)	894	SFRES23
(2)	919	SFRES24
(2)	945	SFRES25
(2)	969	SFRES26
(2)	992	SFRES27
(2)	1015	SFRES28
(2)	1068	SFSWK10
(2)	1091	SFSWK11
(2)	1113	SFSWK12
(2)	1136	SFSWK13
(2)	1160	SFSWK14
(2)	1184	SFSWK20
(2)	1208	SFSWK21
(2)	1232	SFSWK22
(2)	1257	SFSWK23
(2)	1282	SFSWK24
(2)	1305	SFSWK30
(3)	1329	SFSWK31
(3)	1352	SFSWK32
(3)	1376	SFSWK40
(3)	1399	SFSWK41
(3)	1422	SFSWK42
(3)	1446	SFSWK43
(3)	1469	SFSWK44
(3)	1495	SFSWK25
(3)	1519	SFSWK26
(3)	1542	SFSWK27
(3)	1565	SFSWK28
(3)	1741	EXECUTE & CLEANUP
(3)	1757	TC CONTROL
(3)	1838	SUBROUTINES



```
0000 1 .TITLE SATSSF05 - SATS SYSTEM SERVICE TESTS (FAILING S.C.)
0000 2 .IDENT 'V04-000'
0000 3
0000 4
0000 5 *****
0000 6
0000 7 *
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0000 25 *
0000 26 *****
0000 27
0000 28
0000 29 ++
0000 30 FACILITY: SATS SYSTEM SERVICE TESTS
0000 31
0000 32 ABSTRACT: THE SATSSF05 MODULE TESTS THE EXECUTION OF CERTAIN
0000 33 VMS SYSTEM SERVICES, INVOKED IN SUCH A WAY AS TO EXPECT FAILING
0000 34 STATUS CODES. THE SYSTEM SERVICES TESTED AND THE STATUS CODES
0000 35 EXPECTED ARE SUMMARIZED AS ARGUMENTS TO THE TESTSERV MACROS
0000 36 WHICH APPEAR NEAR THE END OF THIS LISTING. SUCCESSFUL STATUS
0000 37 CODES ARE TESTED IN OTHER MODULES.
0000 38
0000 39
0000 40 ENVIRONMENT: USER MODE IMAGE; NEEDS CMKRNL PRIVILEGE,
0000 41 DYNAMICALLY ACQUIRES OTHER PRIVILEGES, AS NEEDED.
0000 42
0000 43 AUTHOR: THOMAS L. CAFARELLA, CREATION DATE: MMM, 1978
0000 44 PAUL D. FAY (DISPSERV & TESTSERV MACROS)
0000 45
0000 46 MODIFIED BY:
0000 47
0000 48 VERSION 1.50 : 25-MAY-79
0000 49
0000 50 V03-001 LDJ0001 Larry D. Jones, 11-Apr-1983
0000 51 Removed the three 29 testcases because of a restriction
0000 52 removal from the exec.
0000 53 --
```



```

0000 55      .SBTTL  DECLARATIONS
0000 56      ;
0000 57      ; INCLUDE FILES:
0000 58      ;
0000 59      $PRVDEF      ; SYMBOL DEFS FOR PRIVILEGES
0000 60      $UETPDEF     ; UETP MSG CODE DEFINITIONS
0000 61      $SHR_MESSAGES UETP,116,<<TEXT,INFO>>
0000 62      ;
0000 63      $PHDDEF      ; DEFINE UETPS TEXT
0000 64      $PCBDEF      ; PROCESS HEADER DEFINITION
0000 65      $STSDEF      ; PROCESS CONTROL BLOCK DEFINITION
0000 66      $DIBDEF      ; STATUS DEFINITION
0000 67      ;
0000 68      ; MACROS:
0000 69      ;
0000 70      ;
0000 71      ; EQUATED SYMBOLS:
0000 72      ;
00000000 0000 73 WARNING      = 0      ; WARNING SEVERITY VALUE FOR MSGS
00000001 0000 74 SUCCESS      = 1      ; SUCCESS SEVERITY VALUE FOR MSGS
00000002 0000 75 ERROR        = 2      ; ERROR SEVERITY VALUE FOR MSGS
00000003 0000 76 INFO         = 3      ; INFORMATIONAL SEV VALUE FOR MSGS
00000004 0000 77 SEVERE       = 4      ; SEVERE (FATAL) SEV VALUE FOR MSGS
00000000 0000 78 TCG_NO       = 0      ; INITIALIZE TEST CASE GROUP NUMBER
00000000 0000 79 GRP_TOTAL    = 0      ; INITIALIZE TEST CASE GROUP TOTAL
00007FFF 0000 80 R0_THRU_SP   = ^M<R0,R1,R2,R3,R4,R5,R6,R7,R8,R9,R10,R11,AP,FP,SP>
00000040 0000 81 DETFLAG      = 64     ; EVENT FLAG NO. FOR DETACHED PROC
00000001 0000 82 PIDADR_SUS10  = 1      ; PIDADR ARG FOR SUSPND (LOCATION 1)
00000001 0000 83 PIDADR_RES10  = 1      ; PIDADR ARG FOR RESUME (LOCATION 1)
00000001 0000 84 PIDADR_SWK10  = 1      ; PIDADR ARG FOR SCHDWK (LOCATION 1)
00000000 0000 85 DAYTIM_SWK30  = 0      ; DAYTIM ARG FOR SCHDWK (LOCATION 0)
00000001 0000 86 REPTIM_SWK40  = 1      ; REPTIM ARG FOR SCHDWK (LOCATION 1)
0000 87      ;
0000 88      ; OWN STORAGE:
0000 89      ;

```



```
00000000 91 .PSECT RODATA, RD, NOWRT, NOEXE, LONG
BFFC 0000 92 REG_COMP_MASK: .WORD ^M<R2,R3,R4,R5,R6,R7,R8,R9,R10,R11,AP,FP> ! ^X8000 -
0002 93 ; REG COMPARE MASK (HIGH-ORDER ...
0002 94 ; BIT MUST BE ON
0002 95 ERR_MSG_FAOCTL: STRING I,<!/!AC!1ZB!1ZB: REGISTER !2UW CONTENTS ALTERED>, -
0002 96 <; BEFORE SERVICE CALL: !8XL AFTER SERVICE CALL: !8XL>
006E 97 TEST_MOD_NAME: STRING C,<SATSSF05> ; TEST MODULE NAME
0077 98 TEST_MOD_BEG: STRING C,<begun> ; DISPOSITION FIELD OF TEST MOD MSG
007D 99 TEST_MOD_SUCC: STRING C,<successful> ; DISPOSITION FIELD OF TEST MOD MSG
0088 100 TEST_MOD_FAIL: STRING C,<failed> ; DISPOSITION FIELD OF TEST MOD MSG
008F 101 TEST_MOD_NAME_D: STRING I,<SATSSF05> ; TEST MODULE NAME DESCRIPTOR
009F 102 TTNAME: STRING I,<TT> ; TERMINAL LOGICAL NAME
00A9 103 INADR: .LONG NOACCESS, NOACCESS ; PAGE ADDRESS OF NOACCESS PSECT
00B1 104 PROT: .LONG PRTSC_NA ; PROTECTION CODE FOR NOACCESS PSECT
FFFFFFF FFFFFFFF 00B5 105 ONES: .LONG -1,-1 ; A QUADWORD OF 1-BITS
00BD 106 DETIMAGE: STRING I,<SYSTST$RES:SATSUT01.EXE>
00DC 107 ; IMAGE NAME FOR DETACHED PROCESS
00DC 108 DETNAME: STRING I,<SATSSF05_DET> ; PROC & MBX NAME FOR DET PROCESS
00F0 109 ;PRCNAM_SUS29 = DETNAME ; PRCNAM ARGUMENT FOR SUSPND
00F0 110 ;PRCNAM_RES29 = DETNAME ; PRCNAM ARGUMENT FOR RESUME
00F0 111 ;PRCNAM_SWK29 = DETNAME ; PRCNAM ARGUMENT FOR SCHDWK
00F0 112 PRCNAM_SUS: STRING I,<SATSSF05> ; PRCNAM ARGUMENT FOR SUSPND
00000001 0100 113 PRCNAM_SUS24: .LONG 1 ; PRCNAM ARGUMENT FOR SUSPND
00000000 0104 114 .ADDRESS NOACCESS ;
0108 115 PRCNAM_SUS26: STRING I,<SF$SUS26> ; PRCNAM ARGUMENT FOR SUSPND
00000000 0117 116 PRCNAM_SUS27: .LONG 0 ; PRCNAM ARGUMENT FOR SUSPND
011B 117 PRCNAM_SUS28: STRING I,<SIXTEEN CHAR$$$> ;
0133 118 ; PRCNAM ARGUMENT FOR SUSPND
0133 119 PRCNAM_RES: STRING I,<SATSSF05> ; PRCNAM ARGUMENT FOR RESUME
00000001 0143 120 PRCNAM_RES24: .LONG 1 ; PRCNAM ARGUMENT FOR RESUME
00000000 0147 121 .ADDRESS NOACCESS ;
014B 122 PRCNAM_RES26: STRING I,<SF$RES26> ; PRCNAM ARGUMENT FOR RESUME
00000000 015A 123 PRCNAM_RES27: .LONG 0 ; PRCNAM ARGUMENT FOR RESUME
015E 124 PRCNAM_RES28: STRING I,<SIXTEEN CHAR$$$> ;
0176 125 ; PRCNAM ARGUMENT FOR RESUME
0176 126 PRCNAM_SWK: STRING I,<SATSSF05> ; PRCNAM ARGUMENT FOR SCHDWK
00000001 0186 127 PRCNAM_SWK24: .LONG 1 ; PRCNAM ARGUMENT FOR SCHDWK
00000000 018A 128 .ADDRESS NOACCESS ;
018E 129 PRCNAM_SWK26: STRING I,<SF$SWK26> ; PRCNAM ARGUMENT FOR SCHDWK
00000000 019D 130 PRCNAM_SWK27: .LONG 0 ; PRCNAM ARGUMENT FOR SCHDWK
01A1 131 PRCNAM_SWK28: STRING I,<SIXTEEN CHAR$$$> ;
01B9 132 ; PRCNAM ARGUMENT FOR SCHDWK
00000000 00000000 01B9 133 DAYTIM_SWK: .LONG 0,0 ; DAYTIM ARGUMENT FOR SCHDWK
00000000 00000000 01C1 134 REPTIM_SWK: .LONG 0,0 ; REPTIM ARGUMENT FOR SCHDWK
00000000 00000001 01C9 135 REPTIM_SWK43: .LONG 1,0 ; REPTIM ARGUMENT FOR SCHDWK
OFFFFFFFF FFFFFFFF 01D1 136 REPTIM_SWK44: .LONG ^XFFFFFFF,^XOFFFFFFFF ; REPTIM ARGUMENT FOR SCHDWK
01D9 137
```



00000000	139	.PSECT	RWDATA, RD, WRT, NOEXE	
00000004	0000	140	TPID:	.BLKL 1
00000008	0004	141	CURRENT TC:	.BLKL 1
00000044	0008	142	REG_SAVE_AREA:	.BLKL 15
007480D9	0044	143	MOD_MSG_CODE:	.LONG UETPS_SATSMS
0000004C	0048	144	CLOB_REG_NO:	.BLKL 1
00000050	004C	145	REG_BEFORE_SS:	.BLKL 1
	0050	146		
00000054	0050	147	REG_AFTER_SS:	.BLKL 1
	0054	148		
	0054	149	\$STSTN\$:	STRING C, < SF >
0000006E	005C	150	TMN_ADDR:	.ADDRESS TEST_MOD_NAME
00000077	0060	151	TMD_ADDR:	.ADDRESS TEST_MOD_BEG
00000068	0064	152	TS_EP:	.BLKL 1
00000070	0068	153	RETADR:	.BLKL 2
00000071	0070	154	PRVPRT:	.BLKB 1
00000079	0071	155	PRIVMASK:	.BLKQ 1
0000007D	0079	156	CHM_CONT:	.BLKL 1
00000091	007D	157	REGS:	.BLKL 5
00000095	0091	158	DETUIC:	.BLKL 1
00000099	0095	159	MBXCHAN:	.BLKL 1
	0099	160	MBXCHANINFO:	STRING 0,75
000000F0	00EC	161	MBXUNIT:	.BLKL 1
	00F0	162	MBXBUFF:	STRING 0,120
00000174	0170	163	PIDADR_SUS:	.BLKL 1
00000178	0174	164	PIDADR_SUS13:	.BLKL 1
0000017C	0178	165	PIDADR_SUS14:	.BLKL 1
00000180	017C	166	PIDADR_RES:	.BLKL 1
00000184	0180	167	PIDADR_RES13:	.BLKL 1
00000188	0184	168	PIDADR_RES14:	.BLKL 1
0000018C	0188	169	PIDADR_SWK:	.BLKL 1
00000190	018C	170	PIDADR_SWK13:	.BLKL 1
00000194	0190	171	PIDADR_SWK14:	.BLKL 1

: PROCESS ID FOR THIS PROCESS  
: PTR TO CURRENT TEST CASE  
: SAVE AREA FOR ALL REGS (SANS PC)  
: TEST MODULE MSG CODE FOR PUTMSG  
: CLOBBED REG NO (FOR FAO ERR MSG)  
: REG CONTENTS BEFORE S.S.  
: (FOR FAO ERROR MSG)  
: REG CONTENTS AFTER S.S.  
: (FOR FAO ERROR MSG)  
: ASCII PORTION OF TEST CASE NAME  
: ADDR OF TEST MOD NAME FOR FAO  
: ADDR OF T.M. DISP FIELD FOR FAO  
: ENTRY PNT FOR CURR TESTSERV MACRO  
: RETURN LONGWORDS FOR SETPRT  
: PROT RETURN BYTE FOR SETPRT  
: ADDR OF PRIVILEGE MASK (IN PHD)  
: CHANGE MODE CONTINUE ADDRESS  
: AREA FOR COND INDEX REGS (R2-R6)  
: UIC FOR DETACHED PROCESS  
: CHAN NO. FOR MBOX FOR CREATED PROC  
: CHANNEL INFO RETURNED BY GETCHN  
: SAVE AREA FOR MAILBOX UNIT NUMBER  
: MAILBOX BUFFER FOR CREATED PROCESS  
: PIDADR ARGUMENT FOR SUSPND  
: PIDADR ARGUMENT FOR SUSPND  
: PIDADR ARGUMENT FOR SUSPND  
: PIDADR ARGUMENT FOR RESUME  
: PIDADR ARGUMENT FOR RESUME  
: PIDADR ARGUMENT FOR RESUME  
: PIDADR ARGUMENT FOR SCHDWK  
: PIDADR ARGUMENT FOR SCHDWK



```
00000000 173 .PSECT SATS ACCVIO_1,RD,WRT,NOEXE,PAGE
00000200 0000 174 EMPTY: .BLKB 512- ; RESERVE A PAGE OF SPACE
      0200 175 :
      0200 176 : +
      0200 177 : *****
      0200 178 : *
      0200 179 : * THE ORDER OF STATEMENTS IN THIS PSECT IS CRITICAL. *
      0200 180 : * DO NOT RE-ARRANGE THE VARIABLES. CONSULT SATS *
      0200 181 : * FUNCTIONAL SPECIFICATION FOR A DESCRIPTION OF THE USE *
      0200 182 : * OF THE EMPTY PSECT (AND ITS COMPANION PSECT, NOACCESS). *
      0200 183 : *
      0200 184 : *****
      0200 185 : -
      0200 186 :
      0200 187 : TYPE AAAAA_SSSX1 (TYPE AAAAA_SSSX2 IF NOT DESC) GO HERE:
000001FF 0200 188 PIDADR_SUS12 = . - 1 ; PIDADR ARGUMENT FOR SUSPND (LAST BYTE IN PAGE)
000001FF 0200 189 PRCNAM_SUS21 = . - 1 ; PRCNAM ARGUMENT FOR SUSPND (LAST BYTE IN PAGE)
000001FF 0200 190 PIDADR_RES12 = . - 1 ; PIDADR ARGUMENT FOR RESUME (LAST BYTE IN PAGE)
000001FF 0200 191 PRCNAM_RES21 = . - 1 ; PRCNAM ARGUMENT FOR RESUME (LAST BYTE IN PAGE)
000001FF 0200 192 PIDADR_SWK12 = . - 1 ; PIDADR ARGUMENT FOR SCHDWK (LAST BYTE IN PAGE)
000001FF 0200 193 PRCNAM_SWK21 = . - 1 ; PRCNAM ARGUMENT FOR SCHDWK (LAST BYTE IN PAGE)
000001FF 0200 194 DAYTIM_SWK32 = . - 1 ; DAYTIM ARGUMENT FOR SCHDWK (LAST BYTE IN PAGE)
000001FF 0200 195 REPTIM_SWK42 = . - 1 ; REPTIM ARGUMENT FOR SCHDWK (LAST BYTE IN PAGE)
000001F3 0200 196 = . - 13 ; ALLOW ROOM FOR STRING DESCRIPTOR
      01F3 197 : TYPE AAAAA_SSSX5 GO HERE:
      01F3 198 PRCNAM_SUS25: ; PRCNAM ARGUMENT FOR SUSPND
      01F3 199 PRCNAM_RES25: ; PRCNAM ARGUMENT FOR RESUME
      01F3 200 PRCNAM_SWK25: ; PRCNAM ARGUMENT FOR SCHDWK
00000006 01F3 201 .LONG 6 ; STRING LENGTH (WILL CROSS PSECT BOUNDARY)
000001FB 01F7 202 .ADDRESS .+4 ; STRING ADDRESS
      01FB 203 : TYPE AAAAA_SSSX3 GO HERE:
      01FB 204 PRCNAM_SUS23: ; PRCNAM ARGUMENT FOR SUSPND
      01FB 205 PRCNAM_RES23: ; PRCNAM ARGUMENT FOR RESUME
      01FB 206 PRCNAM_SWK23: ; PRCNAM ARGUMENT FOR SCHDWK
000001FC 01FB 207 .BLKB 1 ; LOW-ORDER BYTE OF STRING LENGTH
      01FC 208 : TYPE AAAAA_SSSX2 GO HERE:
      01FC 209 PRCNAM_SUS22: ; PRCNAM ARGUMENT FOR SUSPND
      01FC 210 PRCNAM_RES22: ; PRCNAM ARGUMENT FOR RESUME
      01FC 211 PRCNAM_SWK22: ; PRCNAM ARGUMENT FOR SCHDWK
00000200 01FC 212 .BLKL 1 ; STRING LENGTH
      0200 213 :
      0200 214 :
      0200 215 :
      0200 216 :
00000000 217 .PSECT SATS ACCVIO_2,RD,WRT,NOEXE,PAGE
00000200 0000 218 NOACCESS: .BLKB 512- ; RESERVE A PAGE OF SPACE
00000000 0200 219 = . - 512 ; RETURN LOC CTR TO BEGINNING OF PSECT
00000000 0000 220 .ADDRESS EMPTY ; ADDRESS OF ACCESSIBLE STRING
00000000 0004 221 .ADDRESS EMPTY/^X100 ; ADDRESS OF ACCESSIBLE STRING
      0008 222 : +
      0008 223 : *** NOTE -- DO NOT CHANGE LOCATION OR SEQUENCE OF ABOVE STATEMENTS!
      0008 224 : *** THIS PSECT (NOACCESS) MUST APPEAR IN MEMORY IMMEDIATELY
      0008 225 : *** FOLLOWING THE EMPTY PSECT. PSECT NAMES AND OPTIONS WILL BE
      0008 226 : *** CHOSEN TO FORCE THE DESIRED PSECT ORDERING.
      0008 227 : -
      0008 228 :
      0008 229 :
```



```
0008 230 :
0008 231 :
00000000 0008 232 PIDADR_SUS11: .LONG 0 ; PIDADR ARGUMENT FOR SUSPND
00000000 000C 233 PRCNAM_SUS20: STRING 1,<SFSUS20> ; PRCNAM ARGUMENT FOR SUSPND
00000000 001B 234 PIDADR_RES11: .LONG 0 ; PIDADR ARGUMENT FOR RESUME
00000000 001F 235 PRCNAM_RES20: STRING 1,<SFRES20> ; PRCNAM ARGUMENT FOR RESUME
00000000 002E 236 PIDADR_SWK11: .LONG 0 ; PIDADR ARGUMENT FOR SCHDWK
00000000 0032 237 PRCNAM_SWK20: STRING 1,<SFSWK20> ; PRCNAM ARGUMENT FOR SCHDWK
00000000 00000000 0041 238 DAYTIM_SWK31: .LONG 0,0 ; DAYTIM ARGUMENT FOR SCHDWK
00000000 00000000 0049 239 REPTIM_SWK41: .LONG 0,0 ; REPTIM ARGUMENT FOR SCHDWK
00000000 240 .PSECT SATSSF05,RD,WRT,EXE, LONG
```



```
0000 242 .SBTTL SATSSF05
0000 243 :++
0000 244 : FUNCTIONAL DESCRIPTION:
0000 245 :
0000 246 : AFTER PERFORMING SOME INITIAL HOUSEKEEPING, SUCH AS
0000 247 : PRINTING THE MODULE BEGIN MESSAGE AND ACQUIRING ALL PRIVILEGES,
0000 248 : THE SATSSF05 ROUTINE EXECUTES THE TEST SERV EXEC MACRO TO RUN
0000 249 : ALL TEST CASES. WHEN THE MACRO COMPLETES ITS EXECUTION, SATSSF05
0000 250 : PRINTS A TEST MODULE SUCCESS OR FAIL MESSAGE AND EXITS TO THE
0000 251 : OPERATING SYSTEM. TEST SERV EXEC CALLS THE TC CONTROL/TESTSERV
0000 252 : CO-ROUTINE PAIR ONCE PER TEST CASE GROUP TO EXECUTE ALL TEST
0000 253 : CASES IN THAT GROUP. EACH TEST CASE GROUP IS DEFINED BY BOUNDING
0000 254 : ITS TEST CASES WITH A TC GROUP MACRO BEFORE THE FIRST TEST CASE
0000 255 : AND A TCEND MACRO AFTER THE LAST ONE. THE TEST CASES THEMSELVES
0000 256 : ARE DEFINED WITHIN THESE BOUNDS BY PRECEDING EACH WITH A
0000 257 : NEXT TEST CASE MACRO. TC CONTROL/TESTSERV EXECUTES THE CODE
0000 258 : FOLLOWING EACH NEXT TEST CASE MACRO IMMEDIATELY BEFORE ISSUING
0000 259 : THE SYSTEM SERVICE AS REQUESTED IN THE TESTSERV MACRO. TC CONTROL/
0000 260 : TESTSERV ALSO CHECKS THE RESULTS OF THE SERVICE WITH RESPECT
0000 261 : TO ITS EXPECTED STATUS CODE AND PRINTS ANY REQUIRED FAILURE
0000 262 : MESSAGES FOR THE TEST CASE. THE CODE APPEARING AFTER EACH
0000 263 : NEXT TEST CASE MACRO IS MERELY TO SET UP CONDITIONS REQUIRED
0000 264 : FOR THE SYSTEM SERVICE AND TO CLEAN UP ANY RESOURCES ACQUIRED
0000 265 : BY THE PREVIOUS TEST CASE.
0000 266 :
0000 267 : CALLING SEQUENCE:
0000 268 :
0000 269 : $ RUN SATSSF05 ... (DCL COMMAND)
0000 270 :
0000 271 : INPUT PARAMETERS:
0000 272 :
0000 273 : NONE
0000 274 :
0000 275 : IMPLICIT INPUTS:
0000 276 :
0000 277 : NONE
0000 278 :
0000 279 : OUTPUT PARAMETERS:
0000 280 :
0000 281 : NONE
0000 282 :
0000 283 : IMPLICIT OUTPUTS:
0000 284 :
0000 285 : MESSAGES TO SYSS$OUTPUT ARE THE ONLY OUTPUT FROM SATSSF05.
0000 286 : THEY ARE OF THE FORM:
0000 287 :
0000 288 : %UETP-S-SATSMS, TEST MODULE SATSSF05 BEGUN ... (BEGIN MSG)
0000 289 : %UETP-S-SATSMC, TEST MODULE SATSSF05 SUCCESSFUL ... (END MSG)
0000 290 : %UETP-E-SATSMS, TEST MODULE SATSSF05 FAILED ... (END MSG)
0000 291 : %UETP-I-TEXT, ... (VARIABLE INFORMATION ABOUT A TEST MODULE FAILURE)
0000 292 :
0000 293 : COMPLETION CODES:
0000 294 :
0000 295 : THE SATSSF05 ROUTINE TERMINATES WITH A $EXIT TO THE
0000 296 : OPERATING SYSTEM WITH A STATUS CODE DEFINED BY UETPS_SATSMS.
0000 297 :
0000 298 : SIDE EFFECTS:
```



```
0000 299 :  
0000 300 : NONE  
0000 301 :  
0000 302 :--  
0000 303 :  
0000 304 :  
0000 305 :  
0000 306 SATSSF05:  
OFFC 0000 307 .WORD ^M<R2,R3,R4,R5,R6,R7,R8,R9,R10,R11>  
0002 308 : ENTRY MASK  
0002 309 $WAKE S TPID : GET PID OF THIS PROCESS  
0011 310 $HIBER S : UNDO WAKE  
0018 311 $SETPRN S TEST MOD NAME_D : SET PROCESS NAME  
0025 312 BSBW MOD MSG PRINT : PRINT TEST MODULE BEGIN MSG  
0028 313 MOVAL TEST MOD_SUCC,TMD ADDR : ASSUME END MSG WILL SHOW SUCCESS  
0033 314 INSV #SUCCESS,#0,#3,MOD_MSG_CODE : ADJUST STATUS CODE FOR SUCCESS  
003C 315 MODE TO,10$,KRNL,NOREGS : KERNEL MODE TO ACCESS PHD  
59 00000000'9F DO 0059 316 MOVL @#CTL$GL PHD,R9 : GET PROCESS HEADER ADDRESS  
00000071'EF 69 DE 0060 317 MOVAL PHD$Q PRIVMSK(R9),PRIVMASK : GET PRIV MASK ADDRESS  
0067 318 MODE FROM,T0$ : GET BACK TO USER MODE  
0068 319 PRIV ADD,ALL : GET ALL PRIVILEGES  
0088 320 $CREMBX_S CHAN=MBXCHAN, LOGNAM=DETNAME, -  
0088 321 MAXMSG=#120, PROMSK=#0, BUFQUO=#240  
00AD 322 : GET MAILBOX FOR PROCESS  
00AD 323 $GETCHN_S CHAN=MBXCHAN, PRIBUF=MBXCHANINFO  
00C7 324 : GET CHAN INFO (UNIT NUMBER)  
000000EC'EF 000000AD'EF 3C 00C7 325 MOVZWL MBXCHANINFO+8+DIB$W_UNIT,MBXUNIT  
00D2 326 : SAVE MAILBOX UNIT NUMBER  
00D2 327 MODE TO,20$,KRNL,NOREGS : KERNEL MODE TO ACCESS PCB  
59 00000000'9F DO 00EF 328 MOVL @#SCH$GL CURPCB,R9 : GET CURRENT PCB ADDRESS  
00000091'EF 00BC C9 DO 00F6 329 MOVL PCB$L UIC(R9),DETUIC : PICK UP UIC FROM PCB  
00FF 330 MODE FROM,20$ : AND GET BACK TO USER MODE  
0100 331 $CREPRC_S IMAGE=DETIMAGE, PRCNAM=DETNAME, -  
0100 332 UIC=DETUIC, MBXUNT=MBXUNIT  
0132 333 : CREATE DETACHED PROC WITH SAME UIC  
0132 334 DISPSERV : SET UP DISPLAY INFO FOR TESTSERV  
02C7 335 $SETPRT_S INADR=INADR, RETADR=RETADR, -  
02C7 336 PROT=PROT, PRVPRT=PRVPRT  
02E8 337 : SET NOACCESS PSECT  
02E8 338 : ... FOR NO USER ACCESS  
10D9 31 02E8 339 BRW EXECUTE : GO EXECUTE ALL TEST CASES  
02EB 340 TC_GROUP SUS,1,TS1  
0312 341 :  
0312 342 NEXT_TEST_CASE SFSUS10
```



```

0312 343 :
0312 344 :++
0312 345 :*****
0312 346 :*
0312 347 :* TEST CASE NAME: SFSUS10
0312 348 :*
0312 349 :* SYSTEM SERVICE: SUSPND
0312 350 :*
0312 351 :* ARGUMENT UNDER TEST: PIDADR_SUS10
0312 352 :*
0312 353 :* INPUT CONDITIONS:
0312 354 :* PIDADR FIELD AT LOCATION 1
0312 355 :*
0312 356 :* EXPECTED RESULTS:
0312 357 :* 1) SYSTEM STATUS CODE: ACCVIO
0312 358 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0312 359 :*
0312 360 :*****
0312 361 :--
0312 362 :
0312 363 :
0312 364 :

```

NEXT\_TEST\_CASE SFSUS11



```

031E 365 :
031E 366 :++
031E 367 :*****
031E 368 :*
031E 369 :* TEST CASE NAME: SFSUS11
031E 370 :*
031E 371 :* SYSTEM SERVICE: SUSPND
031E 372 :*
031E 373 :* ARGUMENT UNDER TEST: PIDADR_SUS11
031E 374 :*
031E 375 :* INPUT CONDITIONS:
031E 376 :* PIDADR FIELD IN NON-ACCESSIBLE PSECT
031E 377 :*
031E 378 :* EXPECTED RESULTS:
031E 379 :* 1) SYSTEM STATUS CODE: ACCVIO
031E 380 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
031E 381 :*
031E 382 :*****
031E 383 :--
031E 384 :
031E 385 :
031E 386 :

```

NEXT\_TEST\_CASE SFSUS12



```

032A 387 :
032A 388 :++
032A 389 :*****
032A 390 :*
032A 391 :* TEST CASE NAME: SFSUS12
032A 392 :*
032A 393 :* SYSTEM SERVICE: SUSPND
032A 394 :*
032A 395 :* ARGUMENT UNDER TEST: PIDADR_SUS12
032A 396 :*
032A 397 :* INPUT CONDITIONS:
032A 398 :* PIDADR FIELD BEGINS IN ACCESSIBLE PSECT, ENDS
032A 399 :* IN NON-ACCESSIBLE PSECT.
032A 400 :*
032A 401 :* EXPECTED RESULTS:
032A 402 :* 1) SYSTEM STATUS CODE: ACCVIO
032A 403 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
032A 404 :*
032A 405 :*****
032A 406 :--
032A 407 :
032A 408 :
032A 409 : NEXT_TEST_CASE SFSUS13

```



```

0336 410 :
0336 411 :++
0336 412 :*****
0336 413 :*
0336 414 :* TEST CASE NAME: SFSUS13
0336 415 :*
0336 416 :* SYSTEM SERVICE: SUSPND
0336 417 :*
0336 418 :* ARGUMENT UNDER TEST: PIDADR_SUS13
0336 419 :*
0336 420 :* INPUT CONDITIONS:
0336 421 :* INVALID PROCESS ID
0336 422 :*
0336 423 :* EXPECTED RESULTS:
0336 424 :* 1) SYSTEM STATUS CODE: NONEXPR
0336 425 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0336 426 :*
0336 427 :*****
0336 428 :--
0336 429 :
00000174'EF 00000000'EF DO 0336 430 : MOVL TPID,PIDADR_SUS13 ; GET A VALID PID
00000174'EF FF 8F 99 0341 431 : CVTBW #-1,PIDADR_SUS13 ; MAKE IT INVALID
0349 432 :
0349 433 : NEXT_TEST_CASE SFSUS14

```



```
0355 434 :  
0355 435 :++  
0355 436 :*****  
0355 437 :*  
0355 438 :* TEST CASE NAME: SFSUS14  
0355 439 :*  
0355 440 :* SYSTEM SERVICE: SUSPND  
0355 441 :*  
0355 442 :* ARGUMENT UNDER TEST: PIDADR_SUS14  
0355 443 :*  
0355 444 :* INPUT CONDITIONS:  
0355 445 :* VALID, NON-EXISTENT PROCESS ID  
0355 446 :*  
0355 447 :* EXPECTED RESULTS:  
0355 448 :* 1) SYSTEM STATUS CODE: NONEXPR  
0355 449 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
0355 450 :*  
0355 451 :*****  
0355 452 :--  
0355 453 :  
00000178'EF 00000000'EF D0 0355 454 : MOVL TPID,PIDADR_SUS14 ; GET AN EXISTENT PID  
0000017A'EF 1770 8F B0 0360 455 : MOVW #6000,PIDADR_SUS14+2 ; MAKE IT NON-EXISTENT  
0369 456 :  
0369 457 : NEXT_TEST_CASE SFSUS20
```



```

0375 458 :
0375 459 :++
0375 460 :*****
0375 461 :*
0375 462 :* TEST CASE NAME: SFSUS20
0375 463 :*
0375 464 :* SYSTEM SERVICE: SUSPND
0375 465 :*
0375 466 :* ARGUMENT UNDER TEST: PRCNAM_SUS20
0375 467 :*
0375 468 :* INPUT CONDITIONS:
0375 469 :* PRCNAM STRING DESCRIPTOR LENGTH FIELD IN
0375 470 :* NON-ACCESSIBLE PSECT.
0375 471 :*
0375 472 :* EXPECTED RESULTS:
0375 473 :* 1) SYSTEM STATUS CODE: ACCVIO
0375 474 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0375 475 :*
0375 476 :*****
0375 477 :--
0375 478 :
00000170'EF D4 0375 479 : CLRL PIDADR_SUS ; MAKE SURE PRCNAM IS USED BY SUSPND
037B 480 :
037B 481 : NEXT_TEST_CASE SFSUS21

```



```
0387 482 :  
0387 483 :++  
0387 484 :*****  
0387 485 :*  
0387 486 :* TEST CASE NAME: SFSUS21  
0387 487 :*  
0387 488 :* SYSTEM SERVICE: SUSPND  
0387 489 :*  
0387 490 :* ARGUMENT UNDER TEST: PRCNAM_SUS21  
0387 491 :*  
0387 492 :* INPUT CONDITIONS:  
0387 493 :* PRCNAM STRING DESCRIPTOR LENGTH FIELD BEGINS IN  
0387 494 :* ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.  
0387 495 :*  
0387 496 :* EXPECTED RESULTS:  
0387 497 :* 1) SYSTEM STATUS CODE: ACCVIO  
0387 498 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
0387 499 :*  
0387 500 :*****  
0387 501 :--  
0387 502 :  
00000170'EF D4 0387 503 : CLRL PIDADR_SUS ; MAKE SURE PRCNAM IS USED BY SUSPND  
038D 504 :  
038D 505 : NEXT_TEST_CASE SFSUS22
```



```

0399 506 :
0399 507 :++
0399 508 :*****
0399 509 :*
0399 510 :* TEST CASE NAME: SFSUS22
0399 511 :*
0399 512 :* SYSTEM SERVICE: SUSPND
0399 513 :*
0399 514 :* ARGUMENT UNDER TEST: PRCNAM_SUS22
0399 515 :*
0399 516 :* INPUT CONDITIONS:
0399 517 :* PRCNAM STRING DESCRIPTOR ADDRESS FIELD IN
0399 518 :* NON-ACCESSIBLE PSECT.
0399 519 :*
0399 520 :* EXPECTED RESULTS:
0399 521 :* 1) SYSTEM STATUS CODE: ACCVIO
0399 522 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0399 523 :*
0399 524 :*****
0399 525 :--
0399 526 :
00000170'EF D4 0399 527 : CLRL PIDADR SUS ; MAKE SURE PRCNAM IS USED BY SUSPND
000001FC'EF 03 9A 039F 528 : MOVZBL #3,PRCNAM_SUS22 ; ESTABLISH PRCNAM STRING LENGTH
03A6 529 :
03A6 530 : NEXT_TEST_CASE SFSUS23

```



```
0382 531 :  
0382 532 :++  
0382 533 :*****  
0382 534 :*  
0382 535 :* TEST CASE NAME: SFSUS23  
0382 536 :*  
0382 537 :* SYSTEM SERVICE: SUSPND  
0382 538 :*  
0382 539 :* ARGUMENT UNDER TEST: PRCNAM_SUS23  
0382 540 :*  
0382 541 :* INPUT CONDITIONS:  
0382 542 :* PRCNAM STRING DESCRIPTOR ADDRESS FIELD BEGINS IN  
0382 543 :* ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.  
0382 544 :*  
0382 545 :* EXPECTED RESULTS:  
0382 546 :* 1) SYSTEM STATUS CODE: ACCVIO  
0382 547 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
0382 548 :*  
0382 549 :*****  
0382 550 :--  
0382 551 :  
00000170'EF D4 0382 552 : CLRL PIDADR SUS ; MAKE SURE PRCNAM IS USED BY SUSPND  
000001FB'EF 03 9A 0388 553 : MOVZBL #3,PRCNAM_SUS23 ; ESTABLISH PRCNAM STRING LENGTH  
03BF 554 :  
03BF 555 : NEXT_TEST_CASE SFSUS24
```



```
03CB 556 :  
03CB 557 :++  
03CB 558 :*****  
03CB 559 :*  
03CB 560 :* TEST CASE NAME: SFSUS24  
03CB 561 :*  
03CB 562 :* SYSTEM SERVICE: SUSPND  
03CB 563 :*  
03CB 564 :* ARGUMENT UNDER TEST: PRCNAM_SUS24  
03CB 565 :*  
03CB 566 :* INPUT CONDITIONS:  
03CB 567 :* PRCNAM STRING IN NON-ACCESSIBLE PSECT  
03CB 568 :*  
03CB 569 :* EXPECTED RESULTS:  
03CB 570 :* 1) SYSTEM STATUS CODE: ACCVIO  
03CB 571 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
03CB 572 :*  
03CB 573 :*****  
03CB 574 :--  
03CB 575 :  
00000170'EF D4 03CB 576 : CLRL PIDADR_SUS ; MAKE SURE PRCNAM IS USED BY SUSPND  
03D1 577 :  
03D1 578 : TCEND
```



SATSSF05  
V04-000

- SATS SYSTEM SERVICE TESTS (FAILING <sup>E 2</sup> S. 16-SEP-1984 00:33:45 VAX/VMS Macro V04-00  
5-SEP-1984 04:27:50 [UETPSY.SRC]SATSSF05.MAR;1

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03D2 579  
03F9 580 ;  
03F9 581

TC\_GROUP SUS,2,TS2  
NEXT\_TEST\_CASE SFSUS25

SAT  
V04



```

03F9 582 :
03F9 583 :++
03F9 584 :*****
03F9 585 :*
03F9 586 :* TEST CASE NAME: SFSUS25
03F9 587 :*
03F9 588 :* SYSTEM SERVICE: SUSPND
03F9 589 :*
03F9 590 :* ARGUMENT UNDER TEST: PRCNAM_SUS25
03F9 591 :*
03F9 592 :* INPUT CONDITIONS:
03F9 593 :* PRCNAM STRING BEGINS IN ACCESSIBLE PSECT,
03F9 594 :* ENDS IN NON-ACCESSIBLE PSECT.
03F9 595 :*
03F9 596 :* EXPECTED RESULTS:
03F9 597 :* 1) SYSTEM STATUS CODE: ACCVIO
03F9 598 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
03F9 599 :*
03F9 600 :*****
03F9 601 :--
03F9 602 :
00000170'EF D4 03F9 603 : CLRL PIDADR_SUS ; MAKE SURE PRCNAM IS USED BY SUSPND
03FF 604 :
03FF 605 : NEXT_TEST_CASE SFSUS26

```



```
040B 606 :  
040B 607 :++  
040B 608 :*****  
040B 609 :*  
040B 610 :* TEST CASE NAME: SFSUS26  
040B 611 :*  
040B 612 :* SYSTEM SERVICE: SUSPND  
040B 613 :*  
040B 614 :* ARGUMENT UNDER TEST: PRCNAM_SUS26  
040B 615 :*  
040B 616 :* INPUT CONDITIONS:  
040B 617 :* NON-EXISTENT PROCESS NAME  
040B 618 :*  
040B 619 :* EXPECTED RESULTS:  
040B 620 :* 1) SYSTEM STATUS CODE: NONEXPR  
040B 621 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
040B 622 :*  
040B 623 :*****  
040B 624 :--  
040B 625 :  
00000170'EF D4 040B 626 : CLRL PIDADR_SUS ; MAKE SURE PRCNAM IS USED BY SUSPND  
0411 627 :  
0411 628 : NEXT_TEST_CASE SFSUS27
```



```
041D 629 :  
041D 630 :++  
041D 631 :*****  
041D 632 :*  
041D 633 :* TEST CASE NAME: SFSUS27  
041D 634 :*  
041D 635 :* SYSTEM SERVICE: SUSPND  
041D 636 :*  
041D 637 :* ARGUMENT UNDER TEST: PRCNAM_SUS27  
041D 638 :*  
041D 639 :* INPUT CONDITIONS:  
041D 640 :* INVALID PROCESS NAME (LENGTH 0)  
041D 641 :*  
041D 642 :* EXPECTED RESULTS:  
041D 643 :* 1) SYSTEM STATUS CODE: IVLOGNAM  
041D 644 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
041D 645 :*  
041D 646 :*****  
041D 647 :--  
00000170'EF D4 041D 648 :  
0423 649 : CLRL PIDADR_SUS ; MAKE SURE PRCNAM IS USED BY SUSPND  
0423 650 :  
0423 651 : NEXT_TEST_CASE SFSUS28
```



SATSSF05  
V04-000

- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:33:45 VAX/VMS Macro V04-00  
SFSUS28 5-SEP-1984 04:27:50 [UETPSY.SRC]SATSSF05.MAR;1

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042F 652 :  
042F 653 :++  
042F 654 :\*\*\*\*\*  
042F 655 : \*

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V04



```
00000170'EF D4 042F 657 : * TEST CASE NAME: SFSUS28
042F 658 : *
042F 659 : * SYSTEM SERVICE: SUSPND
042F 660 : *
042F 661 : * ARGUMENT UNDER TEST: PRCNAM_SUS28
042F 662 : *
042F 663 : * INPUT CONDITIONS:
042F 664 : *   INVALID PROCESS NAME (LENGTH 16)
042F 665 : *
042F 666 : * EXPECTED RESULTS:
042F 667 : *   1) SYSTEM STATUS CODE: IVLOGNAM
042F 668 : *   2) REGISTERS R2 THROUGH FP UNCHANGED
042F 669 : *
042F 670 : * *****
042F 671 : *
042F 672 : *
042F 673 : *   CLRL   PIDADR_SUS   ; MAKE SURE PRCNAM IS USED BY SUSPND
0435 674 : *
0435 675 : *   NEXT_TEST_CASE SFSUS29
0435 676 : *
0435 677 : * ++
0435 678 : * *****
0435 679 : *
0435 680 : * TEST CASE NAME: SFSUS29
0435 681 : *
0435 682 : * SYSTEM SERVICE: SUSPND
0435 683 : *
0435 684 : * ARGUMENT UNDER TEST: PRCNAM_SUS29
0435 685 : *
0435 686 : * INPUT CONDITIONS:
0435 687 : *   SUSPND ISSUED FOR EXISTING PROCESS WHICH IS NOT A
0435 688 : *   SUBPROCESS OF THIS PROCESS, AND THIS PROCESS HAS
0435 689 : *   NO GROUP OR WORLD PRIVILEGE.
0435 690 : *
0435 691 : * EXPECTED RESULTS:
0435 692 : *   1) SYSTEM STATUS CODE: NOPRIV
0435 693 : *   2) REGISTERS R2 THROUGH FP UNCHANGED
0435 694 : *
0435 695 : * *****
0435 696 : *
0435 697 : *
0435 698 : *   PRIV   REM, GROUP   ; REMOVE GROUP PRIVILEGE
0435 699 : *   PRIV   REM, WORLD   ; REMOVE WORLD PRIVILEGE
0435 700 : *   CLRL   PIDADR_SUS   ; MAKE SURE PRCNAM IS USED BY SUSPND
0435 701 : *
0435 702 : *   TCEND
0435 703 : *   TC_GROUP RES,1,TS3
045C 704 : *
045C 705 : *   NEXT_TEST_CASE SFRES10
```



```
045C 706 :  
045C 707 :++  
045C 708 :*****  
045C 709 :*  
045C 710 :* TEST CASE NAME: SFRES10  
045C 711 :*  
045C 712 :* SYSTEM SERVICE: RESUME  
045C 713 :*  
045C 714 :* ARGUMENT UNDER TEST: PIDADR_RES10  
045C 715 :*  
045C 716 :* INPUT CONDITIONS:  
045C 717 :* PIDADR FIELD AT LOCATION 1  
045C 718 :*  
045C 719 :* EXPECTED RESULTS:  
045C 720 :* 1) SYSTEM STATUS CODE: ACCVIO  
045C 721 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
045C 722 :*  
045C 723 :*****  
045C 724 :--  
045C 725 :  
045C 726 : PRIV ADD,ALL ; GET BACK SOME PRIVS REMOVED IN PRIOR T.C.  
047C 727 :  
047C 728 : NEXT_TEST_CASE SFRES11
```



```
0488 729 :  
0488 730 :++  
0488 731 :*****  
0488 732 :*  
0488 733 :* TEST CASE NAME: SFRES11  
0488 734 :*  
0488 735 :* SYSTEM SERVICE: RESUME  
0488 736 :*  
0488 737 :* ARGUMENT UNDER TEST: PIDADR_RES11  
0488 738 :*  
0488 739 :* INPUT CONDITIONS:  
0488 740 :* PIDADR FIELD IN NON-ACCESSIBLE PSECT  
0488 741 :*  
0488 742 :* EXPECTED RESULTS:  
0488 743 :* 1) SYSTEM STATUS CODE: ACCVIO  
0488 744 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
0488 745 :*  
0488 746 :*****  
0488 747 :--  
0488 748 :  
0488 749 :  
0488 750 : NEXT_TEST_CASE SFRES12
```



```

0494 751 :
0494 752 :++
0494 753 :*****
0494 754 :*
0494 755 :* TEST CASE NAME: SFRES12
0494 756 :*
0494 757 :* SYSTEM SERVICE: RESUME
0494 758 :*
0494 759 :* ARGUMENT UNDER TEST: PIDADR_RES12
0494 760 :*
0494 761 :* INPUT CONDITIONS:
0494 762 :* PIDADR FIELD BEGINS IN ACCESSIBLE PSECT, ENDS
0494 763 :* IN NON-ACCESSIBLE PSECT.
0494 764 :*
0494 765 :* EXPECTED RESULTS:
0494 766 :* 1) SYSTEM STATUS CODE: ACCVIO
0494 767 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0494 768 :*
0494 769 :*****
0494 770 :--
0494 771 :
0494 772 :
0494 773 : NEXT_TEST_CASE SFRES13

```



```
04A0 774 :  
04A0 775 :++  
04A0 776 :*****  
04A0 777 :*  
04A0 778 :* TEST CASE NAME: SFRES13  
04A0 779 :*  
04A0 780 :* SYSTEM SERVICE: RESUME  
04A0 781 :*  
04A0 782 :* ARGUMENT UNDER TEST: PIDADR_RES13  
04A0 783 :*  
04A0 784 :* INPUT CONDITIONS:  
04A0 785 :* INVALID PROCESS ID  
04A0 786 :*  
04A0 787 :* EXPECTED RESULTS:  
04A0 788 :* 1) SYSTEM STATUS CODE: NONEXPR  
04A0 789 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
04A0 790 :*  
04A0 791 :*****  
04A0 792 :--  
04A0 793 :  
00000180'EF 00000000'EF DO 04A0 794 : MOVL TPID,PIDADR_RES13 ; GET A VALID PID  
00000180'EF FF 8F 99 04AB 795 : CVTBW #-1,PIDADR_RES13 ; MAKE IT INVALID  
04B3 796 :  
04B3 797 : NEXT_TEST_CASE SFRES14
```



```

04BF 798 :
04BF 799 :++
04BF 800 :*****
04BF 801 :*
04BF 802 :* TEST CASE NAME: SFRES14
04BF 803 :*
04BF 804 :* SYSTEM SERVICE: RESUME
04BF 805 :*
04BF 806 :* ARGUMENT UNDER TEST: PIDADR_RES14
04BF 807 :*
04BF 808 :* INPUT CONDITIONS:
04BF 809 :* VALID, NON-EXISTENT PROCESS ID
04BF 810 :*
04BF 811 :* EXPECTED RESULTS:
04BF 812 :* 1) SYSTEM STATUS CODE: NONEXPR
04BF 813 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
04BF 814 :*
04BF 815 :*****
04BF 816 :--
04BF 817 :
04BF 818 :
04CA 819 : MOVL TPID,PIDADR_RES14 ; GET AN EXISTENT PID
04D3 820 : MOVW #6000,PIDADR_RES14+2 ; MAKE IT NON-EXISTENT
04D3 821 : NEXT_TEST_CASE SFRES20

```

00000184'EF 00000000'EF  
00000186'EF 1770 8F

D0  
B0



```
04DF 822 :  
04DF 823 :++  
04DF 824 :*****  
04DF 825 :*  
04DF 826 :* TEST CASE NAME: SFRES20  
04DF 827 :*  
04DF 828 :* SYSTEM SERVICE: RESUME  
04DF 829 :*  
04DF 830 :* ARGUMENT UNDER TEST: PRCNAM_RES20  
04DF 831 :*  
04DF 832 :* INPUT CONDITIONS:  
04DF 833 :* PRCNAM STRING DESCRIPTOR LENGTH FIELD IN  
04DF 834 :* NON-ACCESSIBLE PSECT.  
04DF 835 :*  
04DF 836 :* EXPECTED RESULTS:  
04DF 837 :* 1) SYSTEM STATUS CODE: ACCVIO  
04DF 838 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
04DF 839 :*  
04DF 840 :*****  
04DF 841 :--  
04DF 842 :  
0000017C'EF D4 04DF 843 : CLRL PIDADR_RES ; MAKE SURE PRCNAM IS USED BY RESUME  
04E5 844 :  
04E5 845 : NEXT_TEST_CASE SFRES21
```



```

04F1 846 :
04F1 847 :++
04F1 848 :*****
04F1 849 :*
04F1 850 :* TEST CASE NAME: SFRES21
04F1 851 :*
04F1 852 :* SYSTEM SERVICE: RESUME
04F1 853 :*
04F1 854 :* ARGUMENT UNDER TEST: PRCNAM_RES21
04F1 855 :*
04F1 856 :* INPUT CONDITIONS:
04F1 857 :* PRCNAM STRING DESCRIPTOR LENGTH FIELD BEGINS IN
04F1 858 :* ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
04F1 859 :*
04F1 860 :* EXPECTED RESULTS:
04F1 861 :* 1) SYSTEM STATUS CODE: ACCVIO
04F1 862 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
04F1 863 :*
04F1 864 :*****
04F1 865 :--
04F1 866 :
0000017C'EF D4 04F1 867 : CLRL PIDADR_RES ; MAKE SURE PRCNAM IS USED BY RESUME
04F7 868 :
04F7 869 : NEXT_TEST_CASE SFRES22

```



```
0503 870 :  
0503 871 :++  
0503 872 :*****  
0503 873 :*  
0503 874 :* TEST CASE NAME: SFRES22  
0503 875 :*  
0503 876 :* SYSTEM SERVICE: RESUME  
0503 877 :*  
0503 878 :* ARGUMENT UNDER TEST: PRCNAM_RES22  
0503 879 :*  
0503 880 :* INPUT CONDITIONS:  
0503 881 :* PRCNAM STRING DESCRIPTOR ADDRESS FIELD IN  
0503 882 :* NON-ACCESSIBLE PSECT.  
0503 883 :*  
0503 884 :* EXPECTED RESULTS:  
0503 885 :* 1) SYSTEM STATUS CODE: ACCVIO  
0503 886 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
0503 887 :*  
0503 888 :*****  
0503 889 :--  
0503 890 :  
0000017C'EF D4 0503 891 : CLRL PIDADR RES ; MAKE SURE PRCNAM IS USED BY RESUME  
000001FC'EF 03 9A 0509 892 : MOVZBL #3,PRCNAM_RES22 ; ESTABLISH PRCNAM STRING LENGTH  
0510 893 :  
0510 894 : NEXT_TEST_CASE SFRES23
```



```

051C 895 :
051C 896 :++
051C 897 :*****
051C 898 :*
051C 899 :* TEST CASE NAME: SFRES23
051C 900 :*
051C 901 :* SYSTEM SERVICE: RESUME
051C 902 :*
051C 903 :* ARGUMENT UNDER TEST: PRCNAM_RES23
051C 904 :*
051C 905 :* INPUT CONDITIONS:
051C 906 :* PRCNAM STRING DESCRIPTOR ADDRESS FIELD BEGINS IN
051C 907 :* ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
051C 908 :*
051C 909 :* EXPECTED RESULTS:
051C 910 :* 1) SYSTEM STATUS CODE: ACCVIO
051C 911 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
051C 912 :*
051C 913 :*****
051C 914 :--
051C 915 :
0000017C'EF D4 051C 916 : CLRL PIDADR RES ; MAKE SURE PRCNAM IS USED BY RESUME
000001FB'EF 03 9A 0522 917 : MOVZBL #3,PRCNAM_RES23 ; ESTABLISH PRCNAM STRING LENGTH
0529 918 :
0529 919 : NEXT_TEST_CASE SFRES24

```



```

0535 920 :
0535 921 :++
0535 922 :*****
0535 923 :*
0535 924 :* TEST CASE NAME: SFRES24
0535 925 :*
0535 926 :* SYSTEM SERVICE: RESUME
0535 927 :*
0535 928 :* ARGUMENT UNDER TEST: PRCNAM_RES24
0535 929 :*
0535 930 :* INPUT CONDITIONS:
0535 931 :* PRCNAM STRING IN NON-ACCESSIBLE PSECT
0535 932 :*
0535 933 :* EXPECTED RESULTS:
0535 934 :* 1) SYSTEM STATUS CODE: ACCVIO
0535 935 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0535 936 :*
0535 937 :*****
0535 938 :--
0535 939 :
0000017C'EF D4 0535 940 : CLRL PIDADR_RES ; MAKE SURE PRCNAM IS USED BY RESUME
053B 941 :
053B 942 : TCEND

```



SATSSF05  
V04-000

- SATS SYSTEM SERVICE TESTS (FAILING S. <sup>H 3</sup> 16-SEP-1984 00:33:45 VAX/VMS Macro V04-00 Page 35  
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053C	943	TC_GROUP	RES,2,TS4
0563	944 :		
0563	945	NEXT_TEST_CASE	SFRES25



```

0563 946 :
0563 947 :++
0563 948 :*****
0563 949 :*
0563 950 :* TEST CASE NAME: SFRES25
0563 951 :*
0563 952 :* SYSTEM SERVICE: RESUME
0563 953 :*
0563 954 :* ARGUMENT UNDER TEST: PRCNAM_RES25
0563 955 :*
0563 956 :* INPUT CONDITIONS:
0563 957 :* PRCNAM STRING BEGINS IN ACCESSIBLE PSECT,
0563 958 :* ENDS IN NON-ACCESSIBLE PSECT.
0563 959 :*
0563 960 :* EXPECTED RESULTS:
0563 961 :* 1) SYSTEM STATUS CODE: ACCVIO
0563 962 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0563 963 :*
0563 964 :*****
0563 965 :--
0563 966 :
0000017C'EF D4 0563 967 : CLRL PIDADR_RES ; MAKE SURE PRCNAM IS USED BY RESUME
0569 968 :
0569 969 : NEXT_TEST_CASE SFRES26

```



```
0575 970 :  
0575 971 :++  
0575 972 :*****  
0575 973 :*  
0575 974 :* TEST CASE NAME: SFRES26  
0575 975 :*  
0575 976 :* SYSTEM SERVICE: RESUME  
0575 977 :*  
0575 978 :* ARGUMENT UNDER TEST: PRCNAM_RES26  
0575 979 :*  
0575 980 :* INPUT CONDITIONS:  
0575 981 :* NON-EXISTENT PROCESS NAME  
0575 982 :*  
0575 983 :* EXPECTED RESULTS:  
0575 984 :* 1) SYSTEM STATUS CODE: NONEXPR  
0575 985 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
0575 986 :*  
0575 987 :*****  
0575 988 :--  
0575 989 :  
0000017C'EF D4 0575 990 : CLRL PIDADR_RES ; MAKE SURE PRCNAM IS USED BY RESUME  
057B 991 :  
057B 992 : NEXT_TEST_CASE SFRES27
```



```

0587 993 :
0587 994 :++
0587 995 :*****
0587 996 :*
0587 997 :* TEST CASE NAME: SFRES27
0587 998 :*
0587 999 :* SYSTEM SERVICE: RESUME
0587 1000 :*
0587 1001 :* ARGUMENT UNDER TEST: PRCNAM_RES27
0587 1002 :*
0587 1003 :* INPUT CONDITIONS:
0587 1004 :* INVALID PROCESS NAME (LENGTH 0)
0587 1005 :*
0587 1006 :* EXPECTED RESULTS:
0587 1007 :* 1) SYSTEM STATUS CODE: IVLOGNAM
0587 1008 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0587 1009 :*
0587 1010 :*****
0587 1011 :--
0587 1012 :
0000017C'EF D4 0587 1013 : CLRL PIDADR_RES ; MAKE SURE PRCNAM IS USED BY RESUME
058D 1014 :
058D 1015 : NEXT_TEST_CASE SFRES28

```



```
0599 1016 :  
0599 1017 :++  
0599 1018 :*****  
0599 1019 :*  
0599 1020 :* TEST CASE NAME: SFRES28  
0599 1021 :*  
0599 1022 :* SYSTEM SERVICE: RESUME  
0599 1023 :*  
0599 1024 :* ARGUMENT UNDER TEST: PRCNAM_RES28  
0599 1025 :*  
0599 1026 :* INPUT CONDITIONS:  
0599 1027 :* INVALID PROCESS NAME (LENGTH 16)  
0599 1028 :*  
0599 1029 :* EXPECTED RESULTS:  
0599 1030 :* 1) SYSTEM STATUS CODE: IVLOGNAM  
0599 1031 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
0599 1032 :*  
0599 1033 :*****  
0599 1034 :--  
0000017C'EF D4 0599 1035 :  
0599 1036 : CLRL PIDADR_RES ; MAKE SURE PRCNAM IS USED BY RESUME  
059F 1037 :  
059F 1038 : NEXT_TEST_CASE SFRES29  
059F 1039 :  
059F 1040 :++  
059F 1041 :*****  
059F 1042 :*  
059F 1043 :* TEST CASE NAME: SFRES29  
059F 1044 :*  
059F 1045 :* SYSTEM SERVICE: RESUME  
059F 1046 :*  
059F 1047 :* ARGUMENT UNDER TEST: PRCNAM_RES29  
059F 1048 :*  
059F 1049 :* INPUT CONDITIONS:  
059F 1050 :* RESUME ISSUED FOR EXISTING PROCESS WHICH IS NOT A  
059F 1051 :* SUBPROCESS OF THIS PROCESS, AND THIS PROCESS HAS  
059F 1052 :* NO GROUP OR WORLD PRIVILEGE.  
059F 1053 :*  
059F 1054 :* EXPECTED RESULTS:  
059F 1055 :* 1) SYSTEM STATUS CODE: NOPRIV  
059F 1056 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
059F 1057 :*  
059F 1058 :*****  
059F 1059 :--  
059F 1060 :  
059F 1061 : PRIV REM, GROUP ; REMOVE GROUP PRIVILEGE  
059F 1062 : PRIV REM, WORLD ; REMOVE WORLD PRIVILEGE  
059F 1063 : CLRL PIDADR_RES ; MAKE SURE PRCNAM IS USED BY RESUME  
059F 1064 :  
059F 1065 : TCEND  
059F 1066 : TC_GROUP SWK,1,TS5  
05C6 1067 :  
05C6 1068 : NEXT_TEST_CASE SFSWK10
```



```
05C6 1069 :  
05C6 1070 :++  
05C6 1071 :*****  
05C6 1072 :*  
05C6 1073 :* TEST CASE NAME: SFSWK10  
05C6 1074 :*  
05C6 1075 :* SYSTEM SERVICE: SCHDWK  
05C6 1076 :*  
05C6 1077 :* ARGUMENT UNDER TEST: PIDADR_SWK10  
05C6 1078 :*  
05C6 1079 :* INPUT CONDITIONS:  
05C6 1080 :* PIDADR FIELD AT LOCATION 1  
05C6 1081 :*  
05C6 1082 :* EXPECTED RESULTS:  
05C6 1083 :* 1) SYSTEM STATUS CODE: ACCVIO  
05C6 1084 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
05C6 1085 :*  
05C6 1086 :*****  
05C6 1087 :--  
05C6 1088 :  
05C6 1089 : PRIV ADD,ALL ; GET BACK SOME PRIVS REMOVED BY PRIOR T.C.  
05E6 1090 :  
05E6 1091 : NEXT_TEST_CASE SFSWK11
```



```

05F2 1092 :
05F2 1093 :++
05F2 1094 :*****
05F2 1095 :*
05F2 1096 :* TEST CASE NAME: SFSWK11
05F2 1097 :*
05F2 1098 :* SYSTEM SERVICE: SCHDWK
05F2 1099 :*
05F2 1100 :* ARGUMENT UNDER TEST: PIDADR_SWK11
05F2 1101 :*
05F2 1102 :* INPUT CONDITIONS:
05F2 1103 :* PIDADR FIELD IN NON-ACCESSIBLE PSECT
05F2 1104 :*
05F2 1105 :* EXPECTED RESULTS:
05F2 1106 :* 1) SYSTEM STATUS CODE: ACCVIO
05F2 1107 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
05F2 1108 :*
05F2 1109 :*****
05F2 1110 :--
05F2 1111 :
05F2 1112 :
05F2 1113 :
NEXT_TEST_CASE SFSWK12

```



```

05FE 1114 :
05FE 1115 :++
05FE 1116 :*****
05FE 1117 :*
05FE 1118 :* TEST CASE NAME: SFSWK12
05FE 1119 :*
05FE 1120 :* SYSTEM SERVICE: SCHDWK
05FE 1121 :*
05FE 1122 :* ARGUMENT UNDER TEST: PIDADR_SWK12
05FE 1123 :*
05FE 1124 :* INPUT CONDITIONS:
05FE 1125 :* PIDADR FIELD BEGINS IN ACCESSIBLE PSECT, ENDS
05FE 1126 :* IN NON-ACCESSIBLE PSECT.
05FE 1127 :*
05FE 1128 :* EXPECTED RESULTS:
05FE 1129 :* 1) SYSTEM STATUS CODE: ACCVIO
05FE 1130 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
05FE 1131 :*
05FE 1132 :*****
05FE 1133 :--
05FE 1134 :
05FE 1135 :
05FE 1136 :

```

NEXT\_TEST\_CASE SFSWK13



```
060A 1137 :  
060A 1138 :++  
060A 1139 :*****  
060A 1140 :*  
060A 1141 :* TEST CASE NAME: SFSWK13  
060A 1142 :*  
060A 1143 :* SYSTEM SERVICE: SCHDWK  
060A 1144 :*  
060A 1145 :* ARGUMENT UNDER TEST: PIDADR_SWK13  
060A 1146 :*  
060A 1147 :* INPUT CONDITIONS:  
060A 1148 :* INVALID PROCESS ID  
060A 1149 :*  
060A 1150 :* EXPECTED RESULTS:  
060A 1151 :* 1) SYSTEM STATUS CODE: NONEXPR  
060A 1152 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
060A 1153 :*  
060A 1154 :*****  
060A 1155 :--  
060A 1156 :  
0000018C'EF 00000000'EF D0 060A 1157 : MOVL TPID,PIDADR_SWK13 ; GET A VALID PID  
0000018C'EF FF 8F 99 0615 1158 : CVTBW #-1,PIDADR_SWK13 ; MAKE IT INVALID  
061D 1159 :  
061D 1160 : NEXT_TEST_CASE SFSWK14
```



```

0629 1161 :
0629 1162 :++
0629 1163 :*****
0629 1164 :*
0629 1165 :* TEST CASE NAME: SFSWK14
0629 1166 :*
0629 1167 :* SYSTEM SERVICE: SCHDWK
0629 1168 :*
0629 1169 :* ARGUMENT UNDER TEST: PIDADR_SWK14
0629 1170 :*
0629 1171 :* INPUT CONDITIONS:
0629 1172 :* VALID, NON-EXISTENT PROCESS ID
0629 1173 :*
0629 1174 :* EXPECTED RESULTS:
0629 1175 :* 1) SYSTEM STATUS CODE: NONEXPR
0629 1176 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0629 1177 :*
0629 1178 :*****
0629 1179 :--
0629 1180 :
00000190'EF 00000000'EF D0 0629 1181 : MOVL TPID,PIDADR_SWK14 ; GET AN EXISTENT PID
00000192'EF 1770 8F B0 0634 1182 : MOVW #6000,PIDADR_SWK14+2 ; MAKE IT NON-EXISTENT
063D 1183 :
063D 1184 : NEXT_TEST_CASE SFSWK20

```



```

0649 1185 :
0649 1186 :++
0649 1187 :*****
0649 1188 :*
0649 1189 :* TEST CASE NAME: SFSWK20
0649 1190 :*
0649 1191 :* SYSTEM SERVICE: SCHDWK
0649 1192 :*
0649 1193 :* ARGUMENT UNDER TEST: PRCNAM_SWK20
0649 1194 :*
0649 1195 :* INPUT CONDITIONS:
0649 1196 :* PRCNAM STRING DESCRIPTOR LENGTH FIELD IN
0649 1197 :* NON-ACCESSIBLE PSECT.
0649 1198 :*
0649 1199 :* EXPECTED RESULTS:
0649 1200 :* 1) SYSTEM STATUS CODE: ACCVIO
0649 1201 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0649 1202 :*
0649 1203 :*****
0649 1204 :--
0649 1205 :
00000188'EF D4 0649 1206 : CLRL PIDADR_SWK ; MAKE SURE PRCNAM IS USED BY SCHDWK
064F 1207 :
064F 1208 : NEXT_TEST_CASE SFSWK21

```



```

065B 1209 :
065B 1210 :++
065B 1211 :*****
065B 1212 :*
065B 1213 :* TEST CASE NAME: SFSWK21
065B 1214 :*
065B 1215 :* SYSTEM SERVICE: SCHDWK
065B 1216 :*
065B 1217 :* ARGUMENT UNDER TEST: PRCNAM_SWK21
065B 1218 :*
065B 1219 :* INPUT CONDITIONS:
065B 1220 :* PRCNAM STRING DESCRIPTOR LENGTH FIELD BEGINS IN
065B 1221 :* ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
065B 1222 :*
065B 1223 :* EXPECTED RESULTS:
065B 1224 :* 1) SYSTEM STATUS CODE: ACCVIO
065B 1225 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
065B 1226 :*
065B 1227 :*****
065B 1228 :--
065B 1229 :
00000188'EF D4 065B 1230 : CLRL PIDADR_SWK ; MAKE SURE PRCNAM IS USED BY SCHDWK
0661 1231 :
0661 1232 : NEXT_TEST_CASE SFSWK22

```



```

066D 1233 :
066D 1234 :++
066D 1235 :*****
066D 1236 :*
066D 1237 :* TEST CASE NAME: SFSWK22
066D 1238 :*
066D 1239 :* SYSTEM SERVICE: SCHDWK
066D 1240 :*
066D 1241 :* ARGUMENT UNDER TEST: PRCNAM_SWK22
066D 1242 :*
066D 1243 :* INPUT CONDITIONS:
066D 1244 :* PRCNAM STRING DESCRIPTOR ADDRESS FIELD IN
066D 1245 :* NON-ACCESSIBLE PSECT.
066D 1246 :*
066D 1247 :* EXPECTED RESULTS:
066D 1248 :* 1) SYSTEM STATUS CODE: ACCVIO
066D 1249 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
066D 1250 :*
066D 1251 :*****
066D 1252 :--
066D 1253 :
00000188'EF D4 066D 1254 CLRL PIDADR SWK ; MAKE SURE PRCNAM IS USED BY SCHDWK
000001FC'EF 03 9A 0673 1255 MOVZBL #3,PRCNAM_SWK22 ; ESTABLISH PRCNAM STRING LENGTH
067A 1256 ;
067A 1257 NEXT_TEST_CASE SFSWK23

```



```

0686 1258 :
0686 1259 :++
0686 1260 :*****
0686 1261 :*
0686 1262 :* TEST CASE NAME: SFSWK23
0686 1263 :*
0686 1264 :* SYSTEM SERVICE: SCHDWK
0686 1265 :*
0686 1266 :* ARGUMENT UNDER TEST: PRCNAM_SWK23
0686 1267 :*
0686 1268 :* INPUT CONDITIONS:
0686 1269 :* PRCNAM STRING DESCRIPTOR ADDRESS FIELD BEGINS IN
0686 1270 :* ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
0686 1271 :*
0686 1272 :* EXPECTED RESULTS:
0686 1273 :* 1) SYSTEM STATUS CODE: ACCVIO
0686 1274 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
0686 1275 :*
0686 1276 :*****
0686 1277 :--
0686 1278 :
00000188'EF D4 0686 1279 CLRL PIDADR SWK ; MAKE SURE PRCNAM IS USED BY SCHDWK
000001FB'EF 03 9A 068C 1280 MOVZBL #3,PRCNAM_SWK23 ; ESTABLISH PRCNAM STRING LENGTH
0693 1281 :
0693 1282 : NEXT_TEST_CASE SFSWK24

```



```

069F 1283 :
069F 1284 :++
069F 1285 :*****
069F 1286 :*
069F 1287 :* TEST CASE NAME: SFSWK24
069F 1288 :*
069F 1289 :* SYSTEM SERVICE: SCHDWK
069F 1290 :*
069F 1291 :* ARGUMENT UNDER TEST: PRCNAM_SWK24
069F 1292 :*
069F 1293 :* INPUT CONDITIONS:
069F 1294 :* PRCNAM STRING IN NON-ACCESSIBLE PSECT
069F 1295 :*
069F 1296 :* EXPECTED RESULTS:
069F 1297 :* 1) SYSTEM STATUS CODE: ACCVIO
069F 1298 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
069F 1299 :*
069F 1300 :*****
069F 1301 :--
069F 1302 :
00000188'EF D4 069F 1303 : CLRL PIDADR_SWK ; MAKE SURE PRCNAM IS USED BY SCHDWK
06A5 1304 :
06A5 1305 : NEXT_TEST_CASE SFSWK30

```



SATSSF05  
V04-000

- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:33:45 VAX/VMS Macro V04-00  
SFSWK30 5-SEP-1984 04:27:50 [UETPSY.SRC]SATSSF05.MAR;1

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```
0681 1306 :  
0681 1307 :++  
0681 1308 :*****  
0681 1309 :*  
0681 1310 :* TEST CASE NAME: SFSWK30  
0681 1311 :*
```



```

06B1 1313 : * SYSTEM SERVICE:          SCHDWK
06B1 1314 : *
06B1 1315 : * ARGUMENT UNDER TEST:        DAYTIM_SWK30
06B1 1316 : *
06B1 1317 : * INPUT CONDITIONS:
06B1 1318 : *     EXPIRATION TIME FIELD AT LOCATION 0
06B1 1319 : *
06B1 1320 : * EXPECTED RESULTS:
06B1 1321 : *     1) SYSTEM STATUS CODE:  ACCVIO
06B1 1322 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
06B1 1323 : *
06B1 1324 : * *****
06B1 1325 : *
06B1 1326 : *
00000188'EF D4 06B1 1327 : CLRL  PIDADR_SWK      ; LET SCHDWK USE PRCNAM
06B7 1328 :
06B7 1329 : NEXT_TEST_CASE  SFSWK31

```



```

06C3 1330 :
06C3 1331 :++
06C3 1332 :*****
06C3 1333 :*
06C3 1334 :* TEST CASE NAME: SFSWK31
06C3 1335 :*
06C3 1336 :* SYSTEM SERVICE: SCHDWK
06C3 1337 :*
06C3 1338 :* ARGUMENT UNDER TEST: DAYTIM_SWK31
06C3 1339 :*
06C3 1340 :* INPUT CONDITIONS:
06C3 1341 :* EXPIRATION TIME FIELD IN NON-ACCESSIBLE PSECT
06C3 1342 :*
06C3 1343 :* EXPECTED RESULTS:
06C3 1344 :* 1) SYSTEM STATUS CODE: ACCVIO
06C3 1345 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
06C3 1346 :*
06C3 1347 :*****
06C3 1348 :--
06C3 1349 :
00000188'EF D4 06C3 1350 : CLRL PIDADR_SWK ; LET SCHDWK USE PRCNAM
06C9 1351 :
06C9 1352 : NEXT_TEST_CASE SFSWK32

```



```

06D5 1353 :
06D5 1354 :++
06D5 1355 :*****
06D5 1356 :*
06D5 1357 :* TEST CASE NAME: SFSWK32
06D5 1358 :*
06D5 1359 :* SYSTEM SERVICE: SCHDWK
06D5 1360 :*
06D5 1361 :* ARGUMENT UNDER TEST: DAYTIM_SWK32
06D5 1362 :*
06D5 1363 :* INPUT CONDITIONS:
06D5 1364 :* EXPIRATION TIME FIELD BEGINS IN ACCESSIBLE PSECT,
06D5 1365 :* ENDS IN NON-ACCESSIBLE PSECT.
06D5 1366 :*
06D5 1367 :* EXPECTED RESULTS:
06D5 1368 :* 1) SYSTEM STATUS CODE: ACCVIO
06D5 1369 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
06D5 1370 :*
06D5 1371 :*****
06D5 1372 :--
06D5 1373 :
00000188'EF D4 06D5 1374 : CLRL PIDADR_SWK ; LET SCHDWK USE PRCNAM
06DB 1375 :
06DB 1376 : NEXT_TEST_CASE SFSWK40

```



```

06E7 1377 :
06E7 1378 :++
06E7 1379 :*****
06E7 1380 :
06E7 1381 :* TEST CASE NAME: SFSWK40
06E7 1382 :*
06E7 1383 :* SYSTEM SERVICE: SCHDWK
06E7 1384 :*
06E7 1385 :* ARGUMENT UNDER TEST: REPTIM_SWK40
06E7 1386 :*
06E7 1387 :* INPUT CONDITIONS:
06E7 1388 :* REPEAT TIME FIELD AT LOCATION 1
06E7 1389 :*
06E7 1390 :* EXPECTED RESULTS:
06E7 1391 :* 1) SYSTEM STATUS CODE: ACCVIO
06E7 1392 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
06E7 1393 :*
06E7 1394 :*****
06E7 1395 :--
06E7 1396 :
00000188'EF D4 06E7 1397 : CLRL PIDADR_SWK ; LET SCHDWK USE PRCNAM
06ED 1398 :
06ED 1399 : NEXT_TEST_CASE SFSWK41

```



```

06F9 1400 :
06F9 1401 :++
06F9 1402 :*****
06F9 1403 :*
06F9 1404 :* TEST CASE NAME: SFSWK41
06F9 1405 :*
06F9 1406 :* SYSTEM SERVICE: SCHDWK
06F9 1407 :*
06F9 1408 :* ARGUMENT UNDER TEST: REPTIM_SWK41
06F9 1409 :*
06F9 1410 :* INPUT CONDITIONS:
06F9 1411 :* REPEAT TIME FIELD IN NON-ACCESSIBLE PSECT
06F9 1412 :*
06F9 1413 :* EXPECTED RESULTS:
06F9 1414 :* 1) SYSTEM STATUS CODE: ACCVIO
06F9 1415 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
06F9 1416 :*
06F9 1417 :*****
06F9 1418 :--
06F9 1419 :
00000188'EF D4 06F9 1420 : CLRL PIDADR_SWK ; LET SCHDWK USE PRCNAM
06FF 1421 :
06FF 1422 : NEXT_TEST_CASE SFSWK42

```



```

070B 1423 :
070B 1424 :++
070B 1425 :*****
070B 1426 :*
070B 1427 :* TEST CASE NAME: SFSWK42
070B 1428 :*
070B 1429 :* SYSTEM SERVICE: SCHDWK
070B 1430 :*
070B 1431 :* ARGUMENT UNDER TEST: REPTIM_SWK42
070B 1432 :*
070B 1433 :* INPUT CONDITIONS:
070B 1434 :* REPEAT TIME FIELD BEGINS IN ACCESSIBLE PSECT,
070B 1435 :* ENDS IN NON-ACCESSIBLE PSECT.
070B 1436 :*
070B 1437 :* EXPECTED RESULTS:
070B 1438 :* 1) SYSTEM STATUS CODE: ACCVIO
070B 1439 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
070B 1440 :*
070B 1441 :*****
070B 1442 :--
070B 1443 :
00000188'EF D4 070B 1444 : CLRL PIDADR_SWK ; LET SCHDWK USE PRCNAM
0711 1445 :
0711 1446 : NEXT_TEST_CASE SFSWK43

```



```

071D 1447 :
071D 1448 :++
071D 1449 :*****
071D 1450 :*
071D 1451 :* TEST CASE NAME: SFSWK43
071D 1452 :*
071D 1453 :* SYSTEM SERVICE: SCHDWK
071D 1454 :*
071D 1455 :* ARGUMENT UNDER TEST: REPTIM_SWK43
071D 1456 :*
071D 1457 :* INPUT CONDITIONS:
071D 1458 :* INVALID (POSITIVE) REPEAT TIME VALUE (= 1)
071D 1459 :*
071D 1460 :* EXPECTED RESULTS:
071D 1461 :* 1) SYSTEM STATUS CODE: IVTIME
071D 1462 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
071D 1463 :*
071D 1464 :*****
071D 1465 :--
071D 1466 :
00000188'EF D4 071D 1467 : CLRL PIDADR_SWK ; LET SCHDWK USE PRCNAM
0723 1468 :
0723 1469 : NEXT_TEST_CASE SFSWK44

```



```

072F 1470 :
072F 1471 :++
072F 1472 :*****
072F 1473 :*
072F 1474 :* TEST CASE NAME: SFSWK44
072F 1475 :*
072F 1476 :* SYSTEM SERVICE: SCHDWK
072F 1477 :*
072F 1478 :* ARGUMENT UNDER TEST: REPTIM_SWK44
072F 1479 :*
072F 1480 :* INPUT CONDITIONS:
072F 1481 :* INVALID (LARGE POSITIVE) REPEAT TIME VALUE
072F 1482 :*
072F 1483 :* EXPECTED RESULTS:
072F 1484 :* 1) SYSTEM STATUS CODE: IVTIME
072F 1485 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
072F 1486 :*
072F 1487 :*****
072F 1488 :--
072F 1489 :
00000188'EF D4 072F 1490 : CLRL PIDADR_SWK ; LET SCHDWK USE PRCNAM
0735 1491 :
0735 1492 : TCEND

```



SATSSF05  
V04-000

- SATS SYSTEM SERVICE TESTS (FAILING S. <sup>F 5</sup> 16-SEP-1984 00:33:45 VAX/VMS Macro V04-00 Page 59  
5-SEP-1984 04:27:50 [UETPSY.SRC]SATSSF05.MAR;1 (3)

0736	1493	TC_GROUP	SWK,2,TS6
075D	1494		
075D	1495	NEXT_TEST_CASE	SFSWK25



```

075D 1496 :
075D 1497 :++
075D 1498 :*****
075D 1499 :*
075D 1500 :* TEST CASE NAME: SFSWK25
075D 1501 :*
075D 1502 :* SYSTEM SERVICE: SCHDWK
075D 1503 :*
075D 1504 :* ARGUMENT UNDER TEST: PRCNAM_SWK25
075D 1505 :*
075D 1506 :* INPUT CONDITIONS:
075D 1507 :* PRCNAM STRING BEGINS IN ACCESSIBLE PSECT,
075D 1508 :* ENDS IN NON-ACCESSIBLE PSECT.
075D 1509 :*
075D 1510 :* EXPECTED RESULTS:
075D 1511 :* 1) SYSTEM STATUS CODE: ACCVIO
075D 1512 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
075D 1513 :*
075D 1514 :*****
075D 1515 :--
075D 1516 :
00000188'EF D4 075D 1517 : CLRL PIDADR_SWK ; MAKE SURE PRCNAM IS USED BY SCHDWK
0763 1518 :
0763 1519 : NEXT_TEST_CASE SFSWK26

```



```

076F 1520 :
076F 1521 :++
076F 1522 :*****
076F 1523 :*
076F 1524 :* TEST CASE NAME: SFSWK26
076F 1525 :*
076F 1526 :* SYSTEM SERVICE: SCHDWK
076F 1527 :*
076F 1528 :* ARGUMENT UNDER TEST: PRCNAM_SWK26
076F 1529 :*
076F 1530 :* INPUT CONDITIONS:
076F 1531 :* NON-EXISTENT PROCESS NAME
076F 1532 :*
076F 1533 :* EXPECTED RESULTS:
076F 1534 :* 1) SYSTEM STATUS CODE: NONEXPR
076F 1535 :* 2) REGISTERS R2 THROUGH FP UNCHANGED
076F 1536 :*
076F 1537 :*****
076F 1538 :--
076F 1539 :
00000188'EF D4 076F 1540 : CLRL PIDADR_SWK ; MAKE SURE PRCNAM IS USED BY SCHDWK
0775 1541 :
0775 1542 : NEXT_TEST_CASE SFSWK27

```



```

0781 1543 :
0781 1544 :++
0781 1545 :*****
0781 1546 :*
0781 1547 :* TEST CASE NAME:          SFSWK27
0781 1548 :*
0781 1549 :* SYSTEM SERVICE:          SCHDWK
0781 1550 :*
0781 1551 :* ARGUMENT UNDER TEST:     PRCNAM_SWK27
0781 1552 :*
0781 1553 :* INPUT CONDITIONS:
0781 1554 :*   INVALID PROCESS NAME (LENGTH 0)
0781 1555 :*
0781 1556 :* EXPECTED RESULTS:
0781 1557 :*   1) SYSTEM STATUS CODE:  IVLOGNAM
0781 1558 :*   2) REGISTERS R2 THROUGH FP UNCHANGED
0781 1559 :*
0781 1560 :*****
0781 1561 :--
0781 1562 :
00000188'EF D4 0781 1563 :      CLRL   PIDADR_SWK      ; MAKE SURE PRCNAM IS USED BY SCHDWK
0787 1564 :
0787 1565 :      NEXT_TEST_CASE  SFSWK28

```



```
00000188'EF D4 0793 1566 :  
0793 1567 :++  
0793 1568 :*****  
0793 1569 :*  
0793 1570 :* TEST CASE NAME: SFSWK28  
0793 1571 :*  
0793 1572 :* SYSTEM SERVICE: SCHDWK  
0793 1573 :*  
0793 1574 :* ARGUMENT UNDER TEST: PRCNAM_SWK28  
0793 1575 :*  
0793 1576 :* INPUT CONDITIONS:  
0793 1577 :* INVALID PROCESS NAME (LENGTH 16)  
0793 1578 :*  
0793 1579 :* EXPECTED RESULTS:  
0793 1580 :* 1) SYSTEM STATUS CODE: IVLOGNAM  
0793 1581 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
0793 1582 :*  
0793 1583 :*****  
0793 1584 :--  
0793 1585 :  
0793 1586 : CLRL PIDADR_SWK ; MAKE SURE PRCNAM IS USED BY SCHDWK  
0799 1587 :  
0799 1588 : NEXT_TEST_CASE SFSWK29  
0799 1589 :  
0799 1590 :++  
0799 1591 :*****  
0799 1592 :*  
0799 1593 :* TEST CASE NAME: SFSWK29  
0799 1594 :*  
0799 1595 :* SYSTEM SERVICE: SCHDWK  
0799 1596 :*  
0799 1597 :* ARGUMENT UNDER TEST: PRCNAM_SWK29  
0799 1598 :*  
0799 1599 :* INPUT CONDITIONS:  
0799 1600 :* SCHDWK ISSUED FOR EXISTING PROCESS WHICH IS NOT A  
0799 1601 :* SUBPROCESS OF THIS PROCESS, AND THIS PROCESS HAS  
0799 1602 :* NO GROUP OR WORLD PRIVILEGE.  
0799 1603 :*  
0799 1604 :* EXPECTED RESULTS:  
0799 1605 :* 1) SYSTEM STATUS CODE: NOPRIV  
0799 1606 :* 2) REGISTERS R2 THROUGH FP UNCHANGED  
0799 1607 :*  
0799 1608 :*****  
0799 1609 :--  
0799 1610 :  
0799 1611 : PRIV REM, GROUP ; REMOVE GROUP PRIVILEGE  
0799 1612 : PRIV REM, WORLD ; REMOVE WORLD PRIVILEGE  
0799 1613 : CLRL PIDADR_SWK ; MAKE SURE PRCNAM IS USED BY SCHDWK  
0799 1614 :  
0799 1615 : TCEND
```



```

079A 1616 TS1:
079A 1617 TESTSERV SUSPND,ERR,SATS, -
079A 1618
079A 1619 <1,PIDADR_SUS, -
079A 1620 PIDADR_SUS10,ACCVIO, - : SFSUS10
079A 1621 PIDADR_SUS11,ACCVIO, - : SFSUS11
079A 1622 PIDADR_SUS12,ACCVIO, - : SFSUS12
079A 1623 PIDADR_SUS13,NONEXPR, - : SFSUS13
079A 1624 PIDADR_SUS14,NONEXPR, - : SFSUS14
079A 1625 >, -
079A 1626
079A 1627 <1,PRCNAM_SUS, -
079A 1628 PRCNAM_SUS20,ACCVIO, - : SFSUS20
079A 1629 PRCNAM_SUS21,ACCVIO, - : SFSUS21
079A 1630 PRCNAM_SUS22,ACCVIO, - : SFSUS22
079A 1631 PRCNAM_SUS23,ACCVIO, - : SFSUS23
079A 1632 PRCNAM_SUS24,ACCVIO, - : SFSUS24
079A 1633 >, -
079A 1634
092E 1635 TS_CLEANUP ; CLEAN UP & RETURN TO TEST_SERV_EXEC

```



```

094E 1636 TS2:
094E 1637 TESTSERV      SUSPND,ERR,SATS,
094E 1638
094E 1639      <1,PIDADR_SUS,
094E 1640
094E 1641
094E 1642      <1,PRCNAM_SUS,
094E 1643      PRCNAM_SUS25,ACCVIO,
094E 1644      PRCNAM_SUS26,NONEXPR,
094E 1645      PRCNAM_SUS27,IVLOGNAM,
094E 1646      PRCNAM_SUS28,IVLOGNAM,
094E 1647      PRCNAM_SUS29,NOPRIV,
094E 1648
094E 1649
0AB1 1650      TS_CLEANUP      : CLEAN UP & RETURN TO TEST_SERV_EXEC

```



```

OAD1 1651 TS3:
OAD1 1652 TESTSERV RESUME,ERR,SATS,
OAD1 1653
OAD1 1654 <1,PIDADR_RES,
OAD1 1655 PIDADR_RES10,ACCVIO, - : SFRES10
OAD1 1656 PIDADR_RES11,ACCVIO, - : SFRES11
OAD1 1657 PIDADR_RES12,ACCVIO, - : SFRES12
OAD1 1658 PIDADR_RES13,NONEXPR, - : SFRES13
OAD1 1659 PIDADR_RES14,NONEXPR, - : SFRES14
OAD1 1660 >,
OAD1 1661
OAD1 1662 <1,PRCNAM_RES,
OAD1 1663 PRCNAM_RES20,ACCVIO, - : SFRES20
OAD1 1664 PRCNAM_RES21,ACCVIO, - : SFRES21
OAD1 1665 PRCNAM_RES22,ACCVIO, - : SFRES22
OAD1 1666 PRCNAM_RES23,ACCVIO, - : SFRES23
OAD1 1667 PRCNAM_RES24,ACCVIO, - : SFRES24
OAD1 1668 >,
OAD1 1669
OC65 1670 TS_CLEANUP ; CLEAN UP & RETURN TO TEST_SERV_EXEC

```



```

OC85 1671 TS4:
OC85 1672 TESTSERV RESUME,ERR,SATS, -
OC85 1673 <1,PIDADR_RES, -
OC85 1674 >, -
OC85 1675 <1,PRCNAM_RES, -
OC85 1676 PRCNAM_RES25,ACCVIO, - : SFRES25
OC85 1677 PRCNAM_RES26,NONEXPR, - : SFRES26
OC85 1678 PRCNAM_RES27,IVLOGNAM, - : SFRES27
OC85 1679 PRCNAM_RES28,IVLOGNAM, - : SFRES28
OC85 1680 PRCNAM_RES29,NOPRIV, - : SFRES29
OC85 1681 : >, -
OC85 1682
OC85 1683
OC85 1684 TS_CLEANUP ; CLEAN UP & RETURN TO TEST_SERV_EXEC
ODE8 1685

```



```
OE08 1686 TS5:
OE08 1687 TESTSERV SCHDWK,ERR,SATS,
OE08 1688
OE08 1689 <1,PIDADR_SWK,
OE08 1690 PIDADR_SWK10,ACCVIO, - ; SFSWK10
OE08 1691 PIDADR_SWK11,ACCVIO, - ; SFSWK11
OE08 1692 PIDADR_SWK12,ACCVIO, - ; SFSWK12
OE08 1693 PIDADR_SWK13,NONEXPR, - ; SFSWK13
OE08 1694 PIDADR_SWK14,NONEXPR, - ; SFSWK14
OE08 1695 >,
OE08 1696
OE08 1697 <1,PRCNAM_SWK,
OE08 1698 PRCNAM_SWK20,ACCVIO, - ; SFSWK20
OE08 1699 PRCNAM_SWK21,ACCVIO, - ; SFSWK21
OE08 1700 PRCNAM_SWK22,ACCVIO, - ; SFSWK22
OE08 1701 PRCNAM_SWK23,ACCVIO, - ; SFSWK23
OE08 1702 PRCNAM_SWK24,ACCVIO, - ; SFSWK24
OE08 1703 >,
OE08 1704
OE08 1705 <1,DAYTIM_SWK,
OE08 1706 DAYTIM_SWK30,ACCVIO, - ; SFSWK30
OE08 1707 DAYTIM_SWK31,ACCVIO, - ; SFSWK31
OE08 1708 DAYTIM_SWK32,ACCVIO, - ; SFSWK32
OE08 1709 >,
OE08 1710
OE08 1711 <1,REPTIM_SWK,
OE08 1712 REPTIM_SWK40,ACCVIO, - ; SFSWK40
OE08 1713 REPTIM_SWK41,ACCVIO, - ; SFSWK41
OE08 1714 REPTIM_SWK42,ACCVIO, - ; SFSWK42
OE08 1715 REPTIM_SWK43,IVTIME, - ; SFSWK43
OE08 1716 REPTIM_SWK44,IVTIME, - ; SFSWK44
OE08 1717 >,
OE08 1718
10FE 1719 TS_CLEANUP ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```



```
111E 1720 TS6:
111E 1721 TESTSERV SCHDWK,ERR,SATS,
111E 1722
111E 1723 <1,PIDADR_SWK,
111E 1724 >,
111E 1725
111E 1726 <1,PRCNAM_SWK,
111E 1727 PRCNAM_SWK25,ACCVIO, - : SFSWK25
111E 1728 PRCNAM_SWK26,NONEXPR, - : SFSWK26
111E 1729 PRCNAM_SWK27,IVLOGNAM, - : SFSWK27
111E 1730 PRCNAM_SWK28,IVLOGNAM, - : SFSWK28
111E 1731 PRCNAM_SWK29,NOPRIV, - : SFSWK29
111E 1732 >,
111E 1733
111E 1734 <1,DAYTIM_SWK,
111E 1735 >,
111E 1736
111E 1737 <1,REPTIM_SWK,
111E 1738 >,
111E 1739
13A4 1740 TS_CLEANUP : CLEAN UP & RETURN TO TEST_SERV_EXEC
```



00000044'EF 01 1C 0138 30  
01 01 0

13C4	1741	.SBTTL	EXECUTE & CLEANUP	
13C4	1742	EXECUTE:		
13C4	1743	TEST_SERV_EXEC		; EXECUTE ALL T. CASES IN ALL GROUPS
1400	1744	CLEANUP:		
1400	1745	PRIV	ADD,ALL	; ENSURE THAT ALL PRIVS ARE PRESENT
1420	1746	\$WAKE_S	PRCNAM=DETNAME	; WAKE DETACHED PROCESS ...
142F	1747			; ... TO ALLOW HIS EXIT
142F	1748	\$QIOW_S	CHAN=MBXCHAN, FUNC=#IOS READVBLK, -	
142F	1749		P1=MBXBUFF+8, P2=MBXBUFF	
1458	1750			; ... AND WAIT 4 PROC TO BE DELETED
1458	1751	\$DELMBX_S	MBXCHAN	; DELETE TERMINATION MAILBOX
1466	1752	BSBW	MOD MSG PRINT	; PRINT TEST MODULE END MSG
1469	1753	INSV	#1,#STSSV_INHIB_MSG,#1,MOD MSG CODE	
1472	1754			; INHIBIT PRINTING
1472	1755	\$EXIT_S	MOD_MSG_CODE	; EXIT TO OP SYS WITH MSG CODE



```
147F 1757 .SBTTL TC_CONTROL
147F 1758 :++
147F 1759 : FUNCTIONAL DESCRIPTION:
147F 1760 :
147F 1761 : THE TC CONTROL SUBROUTINE IS CALLED BY THE TEST_SERV_EXEC
147F 1762 : MACRO TO EXECUTE A GROUP OF TEST CASES. A GROUP IS DEFINED BY A TC_GROUP
147F 1763 : MACRO. FOR EACH TC GROUP MACRO, THERE IS A CORRESPONDING TESTSERV MACRO.
147F 1764 : TESTSERV CONTAINS CODE TO EXECUTE SYSTEM SERVICES AND CHECK THE RETURNED
147F 1765 : STATUS CODE VALUES. TESTSERV ARGUMENTS ARE CODED TO SPECIFY ALL THE SYSTEM
147F 1766 : SERVICE ARGUMENT VALUES AND THE EXPECTED STATUS CODE FOR EACH TEST CASE
147F 1767 : DEFINED BY A NEXT TEST CASE MACRO WITHIN THE GROUP. TC CONTROL USES A
147F 1768 : CO-ROUTINE INTERFACE TO ENTER THE CODE OF THE APPROPRIATE TESTSERV MACRO
147F 1769 : IN VARIOUS PLACES. THE FIRST ENTRY OCCURS ONCE PER GROUP TO ALLOW TESTSERV
147F 1770 : TO DO SOME INITIALIZATION. THEN TWO ENTRIES ARE MADE FOR EACH TEST CASE IN
147F 1771 : THE GROUP. THE FIRST ALLOWS TESTSERV TO ISSUE THE SUBJECT SYSTEM SERVICE.
147F 1772 : THE SECOND ENTRY FOR THE TEST CASE CAUSES TESTSERV TO CHECK THE RETURNED
147F 1773 : STATUS CODE, PRINTING A FAILURE MESSAGE IF IT IS NOT THE EXPECTED CODE.
147F 1774 : IF THERE ARE NO MORE TEST CASES IN THE CURRENT GROUP, TESTSERV (NOT TC CONTROL)
147F 1775 : RETURNS DIRECTLY TO TEST_SERV_EXEC (RSB ACTUALLY ISSUED IN TS_CLEANUP MACRO)
147F 1776 : FROM THIS SECOND ENTRY; OTHERWISE, CONTROL RETURNS TO TC CONTROL WHICH
147F 1777 : IN TURN ENTERS TESTSERV AGAIN FOR THE NEXT TEST CASE. THE FAILURE OF A
147F 1778 : TEST CASE DOES NOT CAUSE TERMINATION OF THE TEST MODULE.
147F 1779 :
147F 1780 : CALLING SEQUENCE:
147F 1781 :
147F 1782 : BSBW TC_CONTROL (ISSUED WITHIN THE TEST_SERV_EXEC MACRO)
147F 1783 : (RSB IS ISSUED WITHIN THE TS_CLEANUP MACRO)
147F 1784 :
147F 1785 : INPUT PARAMETERS:
147F 1786 :
147F 1787 : NONE
147F 1788 :
147F 1789 : IMPLICIT INPUTS:
147F 1790 :
147F 1791 : ARGUMENTS SPECIFIED ON EACH TESTSERV MACRO MAY BE VIEWED AS
147F 1792 : INPUTS, SINCE TC_CONTROL AND TESTSERV ACT AS CO-ROUTINES.
147F 1793 :
147F 1794 : OUTPUT PARAMETERS:
147F 1795 :
147F 1796 : SEVERITY CODE FIELD OF MOD MSG CODE (BITS 0,1,2) IS SET TO ERROR
147F 1797 : IF ANY TEST CASE IN THE CURRENT GROUP FAILS; OTHERWISE IT REMAINS
147F 1798 : SET TO SUCCESSFUL.
147F 1799 :
147F 1800 : IMPLICIT OUTPUTS:
147F 1801 :
147F 1802 : XUETP-I-TEXT, ERROR MESSAGES ARE WRITTEN TO SYSS$OUTPUT BY
147F 1803 : THE TESTSERV MACRO (CO-ROUTINE WITH TC_CONTROL)
147F 1804 :
147F 1805 : COMPLETION CODES:
147F 1806 :
147F 1807 : NONE
147F 1808 :
147F 1809 : SIDE EFFECTS:
147F 1810 :
147F 1811 : NONE
147F 1812 :
147F 1813 :--
```



```

00000064'EF DD 147F 1814 TC_CONTROL:
9E 16 147F 1815 PUSHL TS_EP
147F 1816 JSB @ (SP)+
00000056'EF 20 90 1485 1819 10$: MOV B #^A/ /,$$TSTN$$+2
002F 30 1487 1820 BSBW REG SAVE
00000004'FF 16 148E 1821 JSB @CURRENT_TC
0037 30 1491 1822 BSBW REG REST
9E 16 1497 1823 JSB @ (SP)+
0042 30 149A 1824 JSB @ (SP)+
149C 1825 BSBW REG_COMP
149F 1826
9E 16 149F 1827 JSB @ (SP)+
00000056'EF 2A 91 14A1 1829 CMPB #^A/* /,$$TSTN$$+2
DD 12 14A8 1830 BNEQU 10$
00000000'EF 00000088'EF DE 14AA 1831 MOVAL TEST_MOD_FAIL,TMD_ADDR
00000044'EF 03 00 02 F0 14B5 1832 INSV #ERROR,#0,#3,MOD_MSG_CODE
C7 11 14BE 1833 BRB 10$
14C0 1834
14C0 1835
14C0 1836
TC_CONTROL RETURNS TO TEST_SERV_EXEC VIA TESTSERV (IN TS_CLEANUP MACRO)
```



```
00000008'EF 7FFF 8F BB 14C0 1838 .SBTTL SUBROUTINES
              6E 3C 28 14C0 1839 REG_SAVE:
              7FFF 8F BA 14C0 1840 :
              05 14C0 1841 : *****
              14C0 1842 : *
              14C0 1843 : * SAVES R0 THRU SP IN REG_SAVE_AREA *
              14C0 1844 : *
              14C0 1845 : *****
              14C0 1846 :
              14C4 1847 PUSHR #R0_THRU_SP ; SAVE ALL REGS ON STACK
              14CC 1848 MOV C3 #60,(SP),REG_SAVE_AREA ; SAVE REGS (BEFORE S.S.)
              14D0 1849 POPR #R0_THRU_SP ; CLEAN UP STACK
              14D1 1850 RSB ; .... AND RETURN
              14D1 1851 :
              14D1 1852 :
              14D1 1853 :
              14D1 1854 :
              14D1 1855 REG_REST:
              14D1 1856 :
              14D1 1857 : *****
              14D1 1858 : *
              14D1 1859 : * RESTORES R0 THRU SP FROM REG_SAVE_AREA *
              14D1 1860 : *
              14D1 1861 : *****
              14D1 1862 :
              14D1 1863 :
              6E 00000008' 5E 3C C2 14D1 1864 SUBL2 #60,SP ; MOVE SP TO MAKE ROOM FOR REGS
              EF 3C 28 14D4 1865 MOV C3 #60,REG_SAVE_AREA,(SP) ; MOVE REGS ONTO STACK FOR POP
              7FFF 8F BA 14DC 1866 POPR #R0_THRU_SP ; RESTORE ALL REGS FOR TESTSERV
              05 14E0 1867 RSB ; ... AND RETURN
```



```
14E1 1869 REG_COMP:
14E1 1870 :
14E1 1871 : *****
14E1 1872 : *
14E1 1873 : * 1) PUSHES ALL REGS ONTO STACK *
14E1 1874 : * 2) COMPARES REGISTER IMAGES FROM STACK WITH CORRESPONDING *
14E1 1875 : * IMAGES FROM REG_SAVE_AREA FOR ALL REGISTERS SPECIFIED *
14E1 1876 : * IN REG_COMP_MASK. *
14E1 1877 : * 3) FOR EACH UNEQUAL COMPARE, AN ERROR MESSAGE IS PRINTED *
14E1 1878 : * (USING $FAO AND $OUTPUT SYSTEM SERVICES). *
14E1 1879 : * 4) POPS ALL REGS OFF OF STACK *
14E1 1880 : *****
14E1 1881 :
14E1 1882 :
56 7FFF 8F BB 14E1 1883 : PUSHR #R0_THRU_SP : SAVE ALL REGISTERS ON STACK
00000008'EF DE 14E5 1884 : MOVAL REG_SAVE_AREA,R6 : POINT R6 TO BEG OF
54 5E DO 14EC 1885 : : ... REGS (BEFORE S.S.)
14EC 1886 : MOVL SP,R4 : POINT R4 TO BEG OF
53 FF 8F 98 14EF 1887 : : ... REGS (AFTER S.S.)
14EF 1888 : CVTBL #-1,R3 : INITIALIZE REG_COMP_MASK INDEX
14F3 1889 REG_COMP NEXT: :
14F3 1890 : INCL R3 : POINT TO NEXT BIT IN MASK
53 0F 91 14F5 1891 : CMPB #15,R3 : END OF THE MASK ?
03 1A 14F8 1892 : BGTRU REG_COMP_CONT : NO -- CONTINUE
009F 31 14FA 1893 : BRW REG_COMP_RSB : YES -- GO TO COMMON RETURN
14FD 1894 REG_COMP CONT: :
14FD 1895 : CMPL (R6)+,(R4)+ : REG BEFORE = REG AFTER ?
E9 00000000'EF 53 E1 1500 1896 : BEQLU REG_COMP_NEXT : YES -- LOOK FOR NEXT REG
1502 1897 : BBC R3,REG_COMP_MASK,REG_COMP_NEXT : NO -- GET NEXT IF BIT NOT SET
150A 1898 : : NO -- GIVE REG NUMBER TO FAO
00000048'EF 53 DO 150A 1899 : MOVL R3,CLOB_REG_NO : GIVE 'BEFORE' CONTENTS TO FAO
0000004C'EF FC A6 DO 1511 1900 : MOVL -4(R6),REG_BEFORE_SS : GIVE 'AFTER' CONTENTS TO FAO
00000050'EF FC A4 DO 1519 1901 : MOVL -4(R4),REG_AFTER_SS : GIVE FAILURE INDIC'N IN ERROR MSG
00000056'EF 2A 90 1521 1902 : MOVB #A/*/, $$STN$$+2 :
1528 1903 :
1528 1904 : $FAO_S ERR MSG FAOCTL,OUTL,OUTD,$$SNAD$$, -
1528 1905 : $$ASEQ$$,$$PSEQ$$,CLOB_REG_NO,REG_BEFORE_SS,REG_AFTER_SS
155B 1906 :
EC5C CF EC26 CF B0 155B 1907 : MOVW OUTL,OUTD : ACTUAL OUTPUT LEN IN STRING DESC'R
1562 1908 : PUTMSG <#UETPS TEXT,#1,#OUTD> : PRINT THE MSG
EC40 CF 0084 8F B0 1577 1909 : MOVW #OUTE-OUTB,OUTD : GET MAX LEN BACK INTO DESCRIPTOR
00000056'EF 20 90 157E 1910 : MOVB #A/ /,$$STN$$+2 : REMOVE FAIL INDIC'N FOR NEXT MSG
00000060'EF 00000088'EF DE 1585 1911 : MOVAL TEST MOD FAIL,TMD ADDR : INDICATE FAILED IN END MSG
00000044'EF 03 00 02 FO 1590 1912 : INSV #ERROR,#0,#3,MOD_MSG_CODE : ADJUST STATUS CODE FOR ERROR
FF57 31 1599 1913 : BRW REG_COMP_NEXT : GO LOOK FOR NEXT REG TO COMPARE
159C 1914 REG_COMP RSB: :
159C 1915 : POPR #R0_THRU_SP : CLEAN UP STACK
05 15A0 1916 : RSB : RETURN TO CALLER
```



```
15A1 1918 MOD_MSG_PRINT:
15A1 1919 :
15A1 1920 : *****
15A1 1921 : *
15A1 1922 : * PRINTS THE TEST MODULE BEGUN/SUCCESSFUL/FAILED MESSAGES *
15A1 1923 : * (USING THE PUTMSG MACRO). *
15A1 1924 : *
15A1 1925 : *****
15A1 1926 :
05 15A1 1927 PUTMSG <MOD_MSG_CODE,#2,TMN_ADDR,TMD_ADDR> : PRINT MSG
15BC 1928 RSB ; ... AND RETURN TO CALLER
15BD 1929 :
15BD 1930 CHMRTN:
15BD 1931 : *****
15BD 1932 : *
15BD 1933 : * CHANGE MODE ROUTINE. THIS ROUTINE GETS CONTROL WHENEVER
15BD 1934 : * A CMKRNL, CMEXEC, OR CMSUP SYSTEM SERVICE IS ISSUED
15BD 1935 : * BY THE MODE MACRO ('TO' OPTION). IT MERELY DOES
15BD 1936 : * A JUMP INDIRECT ON A FIELD SET UP BY MODE. IT HAS
15BD 1937 : * THE EFFECT OF RETURNING TO THE END OF THE MODE
15BD 1938 : * MACRO EXPANSION.
15BD 1939 : *
15BD 1940 : *****
15BD 1941 :
00000079'FF 0000 15BD 1942 .WORD 0 ; ENTRY MASK
15BF 1943 JMP @CHM_CONT ; RETURN TO MODE MACRO IN NEW MODE
15C5 1944 :
15C5 1945 : * RET INSTR WILL BE ISSUED IN EXPANSION OF 'MODE FROM, ....' MACRO
15C5 1946 :
15C5 1947 .END SATSSF05
```



SATSSF05  
Symbol table

J 6  
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:33:45 VAX/VMS Macro V04-00  
5-SEP-1984 04:27:50 [UETPSY.SRC]SATSSF05.MAR;1

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\$\$\$CHARS = 00000048  
\$\$\$FIRSTTC\$\$\$ = 00000000  
\$\$\$STRINGS = 00000000  
\$\$ACT\$\$ 0000019D R 06  
\$\$ARG\$\$ 000001A5 R 06  
\$\$ASEQ\$\$ 00000195 R 06  
\$\$CALL\$\$ 00000189 R 06  
\$\$DISP\$\$ 00000290 R 06  
\$\$ERR\$\$ 0000024A R 06  
\$\$EXP\$\$ 000001A1 R 06  
\$\$INIT\$\$ 0000018D R 06  
\$\$MAXP\$\$ = 00000005  
\$\$PSEQ\$\$ 00000199 R 06  
\$\$SNAD\$\$ 00000191 R 06  
\$\$T1 = 00000004  
\$\$T2 = 00000009  
\$\$TSTN\$\$ 00000054 R 03  
CHMRTN 000015BD R 06  
CHM CONT 00000079 R 03  
CLEANUP 00001400 R 06  
CLOB REG NO 00000048 R 03  
CTL\$GL PRD \*\*\*\*\* X 06  
CURRENT TC 00000004 R 03  
DAYTIM\_SWK 000001B9 R 02  
DAYTIM\_SWK30 = 00000000  
DAYTIM\_SWK31 00000041 R 05  
DAYTIM\_SWK32 = 000001FF R 04  
DETFLAG = 00000040  
DEIMAGE 000000BD R 02  
DETNAME 000000DC R 02  
DEUIC 00000091 R 03  
DIBSW\_UNIT = 0000000C  
EMPTY 00000000 R 04  
ERROR = 00000002  
ERR MSG\_FAOCTL 00000002 R 02  
EXECUTE 000013C4 R 06  
GRP TOTAL = 00000006  
INADR 000000A9 R 02  
INFO = 00000003  
IOS READVBLK \*\*\*\*\* X 06  
LIB\$SIGNAL \*\*\*\*\* X 06  
MBXBUF 000000F0 R 03  
MBXCHAN 00000095 R 03  
MBXCHANINFO 00000099 R 03  
MBXUNIT 000000EC R 03  
MEXIT = 00000000  
MOD\_MSG\_CODE 00000044 R 03  
MOD\_MSG\_PRINT 000015A1 R 06  
NARGS = 0000000E  
NOACCESS 00000000 R 05  
NSSARGS = 00000004  
ONES 000000B5 R 02  
OUTB 000001C6 R 06  
OUTD 000001BE R 06  
OUTE 0000024A R 06  
OUTL 00000185 R 06  
PCB\$L\_UIC = 000000BC

PHDSQ PRIVMSK  
PIDADR\_RES  
PIDADR\_RES10  
PIDADR\_RES11  
PIDADR\_RES12  
PIDADR\_RES13  
PIDADR\_RES14  
PIDADR\_SUS  
PIDADR\_SUS10  
PIDADR\_SUS11  
PIDADR\_SUS12  
PIDADR\_SUS13  
PIDADR\_SUS14  
PIDADR\_SWK  
PIDADR\_SWK10  
PIDADR\_SWK11  
PIDADR\_SWK12  
PIDADR\_SWK13  
PIDADR\_SWK14  
PRCNAM\_RES  
PRCNAM\_RES20  
PRCNAM\_RES21  
PRCNAM\_RES22  
PRCNAM\_RES23  
PRCNAM\_RES24  
PRCNAM\_RES25  
PRCNAM\_RES26  
PRCNAM\_RES27  
PRCNAM\_RES28  
PRCNAM\_SUS  
PRCNAM\_SUS20  
PRCNAM\_SUS21  
PRCNAM\_SUS22  
PRCNAM\_SUS23  
PRCNAM\_SUS24  
PRCNAM\_SUS25  
PRCNAM\_SUS26  
PRCNAM\_SUS27  
PRCNAM\_SUS28  
PRCNAM\_SWK  
PRCNAM\_SWK20  
PRCNAM\_SWK21  
PRCNAM\_SWK22  
PRCNAM\_SWK23  
PRCNAM\_SWK24  
PRCNAM\_SWK25  
PRCNAM\_SWK26  
PRCNAM\_SWK27  
PRCNAM\_SWK28  
PRIVMSK  
PRIV\_ARGS  
PROT-  
PRT\$C NA  
PRVPRT  
RO THRU\_SP  
REGS  
REG\_AFTER\_SS

= 00000000  
0000017C R 03  
= 00000001  
0000001B R 05  
= 000001FF R 04  
00000180 R 03  
00000184 R 03  
00000170 R 03  
= 00000001  
00000008 R 05  
= 000001FF R 04  
00000174 R 03  
00000178 R 03  
00000188 R 03  
= 00000001  
0000002E R 05  
= 000001FF R 04  
0000018C R 03  
00000190 R 03  
00000133 R 02  
0000001F R 05  
= 000001FF R 04  
000001FC R 04  
000001FB R 04  
00000143 R 02  
000001F3 R 04  
0000014B R 02  
0000015A R 02  
0000015E R 02  
000000F0 R 02  
0000000C R 05  
= 000001FF R 04  
000001FC R 04  
000001FB R 04  
00000100 R 02  
000001F3 R 04  
00000108 R 02  
00000117 R 02  
0000011B R 02  
00000176 R 02  
00000032 R 05  
= 000001FF R 04  
000001FC R 04  
000001FB R 04  
00000186 R 02  
000001F3 R 04  
0000018E R 02  
0000019D R 02  
000001A1 R 02  
00000071 R 03  
= 00000002  
000000B1 R 02  
\*\*\*\*\* X 02  
00000070 R 03  
= 00007FFF  
0000007D R 03  
00000050 R 03



SATSSF05  
Symbol table

K 6

- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:33:45 VAX/VMS Macro V04-00 Page 77  
5-SEP-1984 04:27:50 [UETPSY.SRC]SATSSF05.MAR;1 (3)

REG_BEFORE_SS	0000004C	R	03
REG_COMP	000014E1	R	06
REG_COMP_CONT	000014FD	R	06
REG_COMP_MASK	00000000	R	02
REG_COMP_NEXT	000014F3	R	06
REG_COMP_RSB	0000159C	R	06
REG_REST	000014D1	R	06
REG_SAVE	000014C0	R	06
REG_SAVE_AREA	00000008	R	03
REPTIM_SWK	000001C1	R	02
REPTIM_SWK40	= 00000001		
REPTIM_SWK41	00000049	R	05
REPTIM_SWK42	= 000001FF	R	04
REPTIM_SWK43	000001C9	R	02
REPTIM_SWK44	000001D1	R	02
RETADR	00000068	R	03
SATSSF05	00000000	R	06
SCH\$GL_CURPCB	*****	X	06
SEVERE	= 00000004		
SHR\$K_SHRDEF	= 00000001		
SHR\$ TEXT	= 00001130		
SS\$ ACCVIO	*****	X	06
SS\$ IVLOGNAM	*****	X	06
SS\$ IVTIME	*****	X	06
SS\$ NONEXPR	*****	X	06
ST\$SV INHIB_MSG	= 0000001C		
SUCCESS	= 00000001		
SY\$CMKRNL	*****	GX	06
SY\$CREMBX	*****	GX	06
SY\$CREPRC	*****	GX	06
SY\$DELMBX	*****	GX	06
SY\$EXIT	*****	GX	06
SY\$FAO	*****	X	06
SY\$FAOL	*****	GX	06
SY\$GETCHN	*****	GX	06
SY\$HIBER	*****	GX	06
SY\$QIOW	*****	GX	06
SY\$RESUME	*****	GX	06
SY\$SCHDWK	*****	GX	06
SY\$SETPRN	*****	GX	06
SY\$SETPRT	*****	GX	06
SY\$SETPRV	*****	GX	06
SY\$SUSPND	*****	GX	06
SY\$WAKE	*****	GX	06
TC1	000002EB	R	06
TC2	000003D2	R	06
TC3	00000435	R	06
TC4	0000053C	R	06
TC5	0000059F	R	06
TC6	00000736	R	06
TCG_NO	= 00000006		
TC CONTROL	0000147F	R	06
TEST_MOD_BEG	00000077	R	02
TEST_MOD_FAIL	00000088	R	02
TEST_MOD_NAME	0000006E	R	02
TEST_MOD_NAME_D	0000008F	R	02
TEST_MOD_SUCC	0000007D	R	02

TMD\_ADDR  
TMN\_ADDR  
TPID  
TS1  
TS2  
TS3  
TS4  
TS5  
TS6  
TS\_EP  
TTNAME  
UETPS\_SATSMS  
UETPS\_TEXT  
WARNING

00000060	R	03
0000005C	R	03
00000000	R	03
0000079A	R	06
0000094E	R	06
00000AD1	R	06
00000C85	R	06
00000E08	R	06
0000111E	R	06
00000064	R	03
0000009F	R	02
= 007480D9		
= 00741133		
= 00000000		



+-----+  
! Psect synopsis !  
+-----+

PSECT name	Allocation	PSECT No.	Attributes
ABS	00000000 ( 0.)	00 ( 0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
\$ABSS	00000000 ( 0.)	01 ( 1.)	NOPIC USR CON ABS LCL NOSHR EXE RD WRT NOVEC BYTE
RODATA	000001D9 ( 473.)	02 ( 2.)	NOPIC USR CON REL LCL NOSHR NOEXE RD NOWRT NOVEC LONG
RWDATA	00000194 ( 404.)	03 ( 3.)	NOPIC USR CON REL LCL NOSHR NOEXE RD WRT NOVEC BYTE
SATS_ACCVIO_1	00000200 ( 512.)	04 ( 4.)	NOPIC USR CON REL LCL NOSHR NOEXE RD WRT NOVEC PAGE
SATS_ACCVIO_2	00000200 ( 512.)	05 ( 5.)	NOPIC USR CON REL LCL NOSHR NOEXE RD WRT NOVEC PAGE
SATSSF05	000015C5 ( 5573.)	06 ( 6.)	NOPIC USR CON REL LCL NOSHR EXE RD WRT NOVEC LONG

+-----+  
! Performance indicators !  
+-----+

Phase	Page faults	CPU Time	Elapsed Time
Initialization	31	00:00:00.08	00:00:00.44
Command processing	107	00:00:00.68	00:00:01.98
Pass 1	494	00:00:22.44	00:00:45.97
Symbol table sort	0	00:00:01.39	00:00:03.20
Pass 2	450	00:00:06.44	00:00:13.87
Symbol table output	26	00:00:00.17	00:00:00.38
Psect synopsis output	6	00:00:00.04	00:00:00.04
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	1116	00:00:31.24	00:01:05.88

The working set limit was 900 pages.  
124543 bytes (244 pages) of virtual memory were used to buffer the intermediate code.  
There were 50 pages of symbol table space allocated to hold 687 non-local and 218 local symbols.  
1947 source lines were read in Pass 1, producing 37 object records in Pass 2.  
72 pages of virtual memory were used to define 55 macros.

+-----+  
! Macro library statistics !  
+-----+

Macro library name	Macros defined
_\$255\$DUA28:[SHRLIB]UETP.MLB;1	19
_\$255\$DUA28:[SYS.OBJ]LIB.MLB;1	2
_\$255\$DUA28:[SYSLIB]STARLET.MLB;2	28
TOTALS (all libraries)	49

1342 GETS were required to define 49 macros.

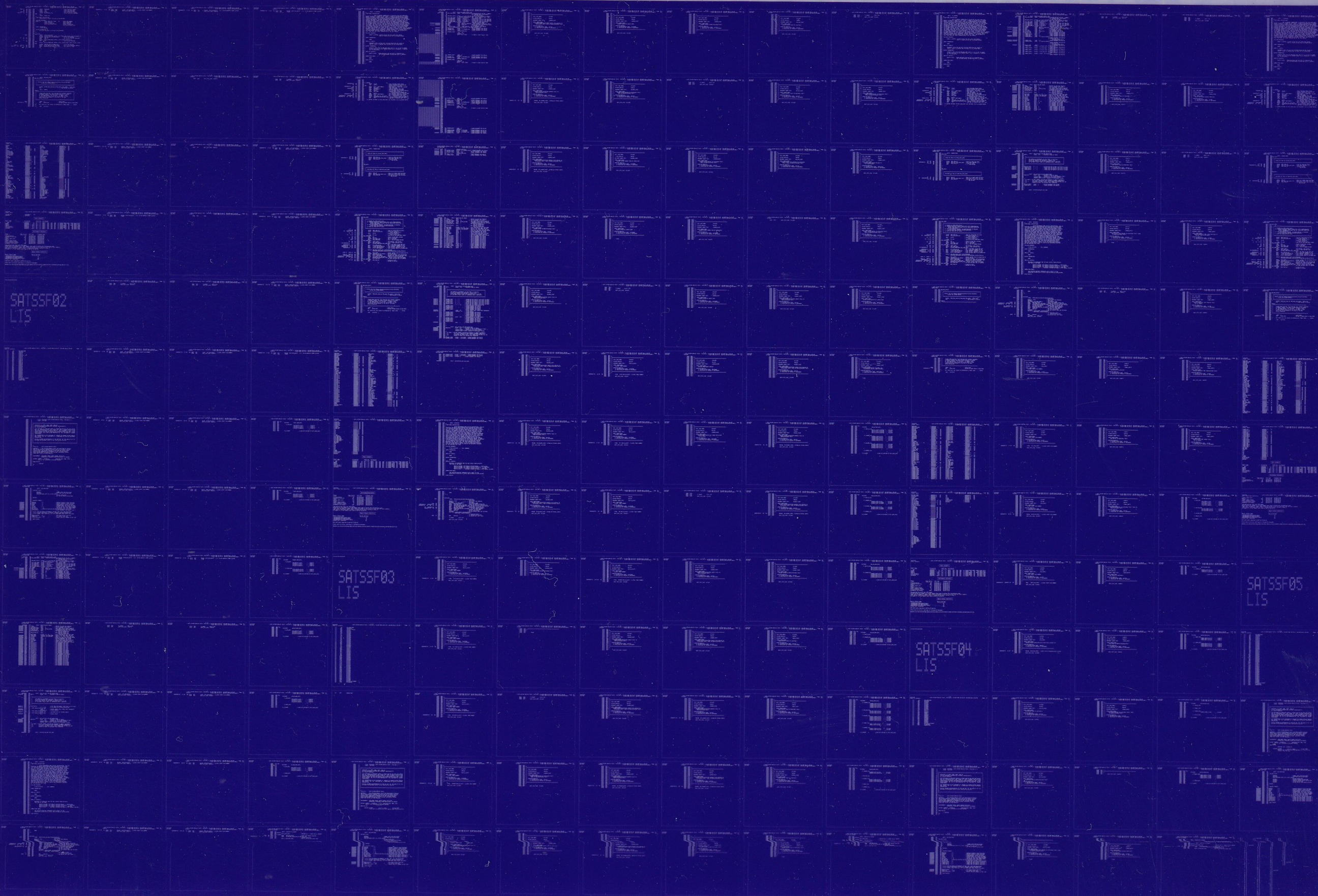
There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:SATSSF05/OBJ=OBJ\$:SATSSF05 MSRC\$:SATSSF05/UPDATE=(ENH\$:SATSSF05)+EXECML\$/LIB+SHRLIB\$:UETP/LIB



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VAX/VMS V4.0

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